



Government of Bengal

Annual Report of the  
Medical Schools in Bengal

For the Year  
1943-44

With a Review

*By*

Colonel D. Clyde, C.I.E., M.D., V.H.S., I.M.S.  
*Surgeon-General with the Government of Bengal.*

Superintendent, Government Printing  
Bengal Government Press, Alipore, Bengal  
1947

Price—Indian, Re. 1; English, 1s. 8d.



No. H/MD/D(3)/24.

FROM COLONEL D. CLYDE, C.I.E., M.D., V.H.S., I.M.S.,  
*Surgeon-General with the Government of Bengal,*

TO THE SECRETARY TO THE GOVERNMENT OF BENGAL, DEPARTMENT OF HEALTH AND LOCAL SELF-GOVERNMENT.

*Calcutta, the 26th May 1947.*

SIR,

I have the honour to submit herewith the Annual Reports of the following nine Medical Schools in Bengal for the session 1943-44 commencing in July 1943:—

- (1) Campbell Medical School, Calcutta.
- (2) Dacca Medical School, Dacca.
- (3) Ronaldshay Medical School, Burdwan.
- (4) Lytton Medical School, Mymensingh.
- (5) Chittagong Medical School, Chittagong.
- (6) Jackson Medical School, Jalpaiguri.
- (7) Calcutta Medical School, Calcutta.
- (8) The National Medical Institute, Calcutta.
- (9) Sammilani Medical School, Bankura.

The first six of these are State institutions and the remaining three are under private management.

2. The standard of training imparted in all these medical schools was up to the Final Licentiatehip Examinations of the State Medical Faculty of Bengal.

3. There were training classes for compounder students in all the Government Medical Schools except at the Jackson Medical School, Jalpaiguri.

✓ 4. The total strength of students in the various medical schools during the session under report was 2,906 as compared with 2,910 in the previous session.

They are distributed as follows:—

|                            |    |     | Number of students. |          |
|----------------------------|----|-----|---------------------|----------|
|                            |    |     | 1942-43.            | 1943-44. |
| Cambell Medical School     | .. | ..  | 614                 | 565      |
| Dacca Medical School       | .. | ..  | 439                 | 492      |
| Ronaldshay Medical School  | .. | ... | 220                 | 219      |
| Lytton Medical School      | .. | ..  | 220                 | 220      |
| Chittagong Medical School  | .. | ..  | 166                 | 178      |
| Jackson Medical School     | .. | ..  | 170                 | 182      |
| Calcutta Medical School    | .. | ..  | 445                 | 415      |
| National Medical Institute | .. | ..  | 331                 | 309      |
| Sammilani Medical School   | .. | ..  | 305                 | 326      |
| Total                      | .. | ..  | 2,910               | 2,906    |

The total number of new admissions in licentiate course during the year under report was 640 including 120 Muslims as compared with 700 including 134 Muslims in the previous year. Number of students passing out in the Final Licentiate Examination of the State Medical Faculty of Bengal in year was 324 as against 337 in the previous year.

5. No Sub-Assistant Surgeons received Post-Graduate Training during the year under report as no one could be deputed for this purpose.

6. The conduct and attendance of students of almost all the medical schools were generally satisfactory except Campbell Medical School where students were on strike and the institution remained closed until they rejoined their classes with apologies after a pretty long time.

7. There was no structural improvement of the medical schools, worthy of note, during the year under report.

8. The average cost per student per annum in the Government Medical Schools during the year under report was as follows:—

|                           |     |     | Rs. |
|---------------------------|-----|-----|-----|
| Campbell Medical School   | ... | ... | 600 |
| Dacca Medical School      | ... | ... | 497 |
| Ronaldshay Medical School | ... | ... | 200 |
| Lytton Medical School     | ... | ... | 242 |
| Chittagong Medical School | ... | ... | 326 |
| Jackson Medical School    | ... | ... | 272 |

The average cost per student increased in almost all the medical schools than the previous year due to the increased price of almost all articles of necessity.

Thanks are due to the Superintendents and teaching staffs of the schools for the efficient management of the institutions in their respective charges throughout the year.

I have the honour to be,

SIR,

Your most obedient servant,

D. CLYDE, COLONEL, I.M.S.,

*Surgeon-General with the Government of Bengal.*

# Annual Report of the Campbell Medical School for the year 1943-44.

## I—Building and Accommodation.

No new building was constructed during the year under review. The usual repairs were carried out.

## II—Teaching and Equipment.

**(A) Department of Chemistry and Physics.**—The Chemistry and Physics classes for the first year students were held in the Department of Physics and Chemistry, Medical College, Calcutta, and were taken by Mr. Suresh Chandra Mukherjee, M.Sc., Senior Demonstrator of the Department. He delivered the prescribed course of lectures and held the practical classes laid down under the existing rules of the State Medical Faculty.

Full facilities for giving instruction to the students of the school, under the revised regulations, are not obtainable in the Medical College. A scheme for opening a separate Department of Chemistry and Physics in the school has been submitted for sanction to the Surgeon-General, Bengal, under this office letters Nos. 177 and 755, dated the 25th March 1935 and 19th September 1935, respectively.

**(B) Department of Anatomy.**—The department was under the charge of Dr. L. K. Ghosh, M.B., Teacher of Anatomy, assisted by a staff of 5 demonstrators. The number of students on the roll during the period was 319 distributed as follows:—

1st year—

|                       |     |     |     |     |
|-----------------------|-----|-----|-----|-----|
| (a) Regular students  | ... | ... | ... | 128 |
| (b) November students | ... | ... | ... | 19  |

2nd year—

|                       |     |     |     |     |
|-----------------------|-----|-----|-----|-----|
| (a) Regular students  | ... | ... | ... | 50  |
| (b) November students | ... | ... | ... | 122 |

Total ... 319

Apart from the prescribed course of lectures delivered by the teacher, 68 demonstrations were given to the students in course of the summer term (July to October) according to the following programme:—

- (1) One hundred and twenty-eight regular first year students were divided into 6 batches of 21.
- (2) Seventeen November first year students were given demonstration daily for one year.
- (3) Fifty second year students divided into 2 batches forming a batch of 25 students.
- (4) The November second year students were distributed in 3 batches, each batch containing 24 students.

These demonstration classes include demonstration of soft part (viscera, eye, brain, surface markings) besides demonstration in bones. Detained November and plucked second year students had separate classes.

During the winter session—Dissection classes were held daily from 11 a.m. to 3 p.m. from the end of October 1943 to the end of April 1944. The number of students who attended this session was 121 in the first year and 115 in the second year class.

The total number of students was 226 and 32 dead bodies were dissected by them.

During February, March and April 1943, special demonstration classes were held for demonstrating brain, eye, viscera and surface markings.

On completion of dissection of a part, each student was examined on that part and on passing an oral examination was allowed to take up another part to dissect.

Tutorial classes were also taken during the session for a batch of 22 students, for one hour daily, during the month of February and for five batches daily, during the months of March and April when the dissections were over.

In addition the following works were also carried out.

Eighty-eight bodies were injected with colour dyes, of which 35 were used for dissecting in the school, 15 for the operative surgery classes held in the school, and 50 colour injected bodies were supplied to the State Medical Faculty for Anatomy Examination. Eight bodies were macerated for bones.

One hundred and three non-injected bodies were supplied to the Calcutta Medical College, 42 to Calcutta Medical School, 8 to the Carmichael Medical College and 2 to the National Medical Institute, 6 injected bodies were supplied to Calcutta University also.

Bones, articulated and non-articulated, were supplied to the following institution:—

- (1) One articulated skeleton was supplied to Sister Tutor, Presidency General Hospital.
- (2) Five articulated skeleton were supplied to the Officer Commanding, Army Medical Stores, New Delhi.
- (3) One articulated skeleton and a set of disarticulated bones were given to the Nursing Superintendent, Campbell Medical School, for teaching purposes.

Number of students appeared in school test examination held in March 1944:—

First year—125.

Second year—107, including irregular students.

**(C) Department of Physiology.**—The department was under the charge of Dr. M. Chakravarti, M.Sc., M.B., assisted by a staff of three demonstrators. The number of students on the roll during the session was 370, of whom 120 were students of the first year and 292 of the second year classes. They were given the usual course of instruction prescribed by the Faculty regulations by the teacher concerned, and a course of 30 demonstrations for second year and 20 for first year. Twenty-five practical classes were also held in addition to demonstrations. The students were divided into batches of 25 or 26 for the demonstration and practical classes which were attended by the three demonstrators along with the teacher.

The duration of a class was one hour. The classes for the first and second year students were separate.

In the demonstration classes under the microscope, histological specimens of the principal organs and tissues were shown along with diagrams, some permanent and some sketched on the blackboard on the

occasion. For each class 25 microscopes were provided. A descriptive card was placed alongside of each microscopical slides to help the students. In addition each student was required to draw, in a special laboratory book, diagrams of typical specimens viewed under the microscope. In the practical classes methods of staining tissue section and blood films, estimation of sugar in urine and in use of the commoner clinical instruments such as the sphygmomanometer, haemocytometer, albuminometer, coagulometer, ureometer, etc., were used. The department had carried out during the year 1943 clinical examinations for the hospital as against 1,136 examinations carried out in the previous years. The department had to prepare and supply specific gravity solution to the Cholera Ward, distilled water to outdoor and indoor dispensary of this hospital and I.H.T. solution for blood transfusion in the Ward. This department took up the biochemical investigation of the destitute cases under I.R.F.A. for which I.R.F.A. placed one Biochemist and one Laboratory Assistant to work under the guidance of the teacher in charge of the department.

**Requirements.**—Two Laboratory Assistants and a menial are absolutely necessary, of which one Laboratory Assistant has already been provided.

**(D) Materia Medica and Pharmacy.**—(i) *For Licentiate students.*—The prescribed course of lecture was delivered to the students of the first and second year class by Dr. P. C. Chakravarti and Dr. M. M. Ali, the teachers of the subject. The number of students on the roll during the session was 272, of whom 129 were students of the first year and 143 of the second year classes.

Demonstration classes were held in batches separately for the first and second year students, there being 25 students in each batch by the teacher of the compounder class as a local arrangement.

The practical pharmacy classes for the second year students were held from July 1943 to February 1944. The students were divided into batches of 25 students in each and the number of classes attended by each batch was about 21. The classes were taken by the assistant apothecary in which compounding and dispensing of mixtures, lotions, ointments, plasters, pills and suppositories were taught.

(ii) *For Compounder students.*—The number of students on the roll was 17. They had 100 practical pharmacy classes, 50 demonstrations and 50 lectures in Materia Medica were held during the year by the Teacher, Compounders' class.

**Requirements.**—There is no department of Materia Medica for any special class room for holding the practical pharmacy classes in this school. The pharmacy classes were, therefore, held in the indoor dispensary though there is no suitable accommodation for holding the classes. A scheme for the establishment of a department of Materia Medica has been forwarded under this office letter No. 755, dated the 19th September 1935. One Demonstrator, one Laboratory Assistant and a peon are necessary to facilitate training in the light of modern teaching of the subject.

**(E) Department of Pathology.**—(i) The department was under the charge Dr. S. C. Chandra, B.Sc., M.B., Teacher of Pathology, assisted by a staff of 3 demonstrators throughout the year. The number of students on the roll during the session was 244. A course of 31 lectures on Pathology and Bacteriology was delivered by the teacher and 25 demonstrations and practical classes were held for students in batches of 16 each.

The practical classes are taken in the Physiology Laboratory. A separate place for the Pathological Department is urgently required.

**(F) The Department of Medicine.**—(i) The prescribed course of 50 lectures was delivered during the summer term by Drs. Aich and P. Bhattacharjee, the Teacher of Medicine.

(ii) Clinical demonstrations were given in the wards daily throughout the year by the teacher and the other physicians in charge including the physician in charge of the Children and Infectious Wards and also by the associate physicians.

Tutorial classes for students were taken in batches for one hour in the evening by the Resident Medical Officer attached to the wards. The writing up of case note and performance of clinical laboratory work were supervised by the Registrars and House Physicians respectively.

(B) In the wards the students were taught the methods of physical examination, laboratory examination, application of clinical instruments and interpretation of radiograms. They were taught also the elements of practical therapeutics.

*Requirement.*—The installation of an electrocardiograph is urgently necessary for investigation and diagnosis of the large number of heart cases treated in the hospital. At least two clinical pathologists are absolutely necessary for adequate investigation of the cases which will improve clinical instructions given to the students.

**(C) Hygiene (Preventive Medicine).**—The prescribed course of 20 lectures was delivered by Dr. M. U. Ahmed, Health Officer, Corporation of Calcutta. Models lent by the All-India Institute of Hygiene and Public Health were made use of by the lecturer for demonstration to the students. Practical field demonstrations were held and were attended by the students who appeared at the Final Examination, April 1944. The demonstrations were carried out by the teacher concerned which included visits to water-works, Disinfecting Station, Vaccination Depot, Milk Supply Depot and installation for destruction of refuse.

A museum of models and specimens is very much required.

**(H) Training in Infectious Diseases.**—The students of the third and fourth year classes were detailed to the Infectious Ward in batches for a period of one and half months. These included wards for the cerebro-spinal fever, tetanus and cholera wards and smallpox. Here they were taught the technique of lumbar, cisternal and ventricular punctures in cerebro-spinal fever and Rogers saline treatment of cholera. In the smallpox wards, epidemiology, infectivity, characters of rash, points of differentiation from other exanthemathesis, importances of personal prophylaxis and of vaccination against the diseases were taught. Next, a three months' course of practical instructions in the management of infectious diseases was also held in the appropriate sections of the hospital for the students of the D.P.H. and D.M.C.W. from the All-India Institute of Hygiene.

**(I) Medical Jurisprudence (Forensic Medicine).**—The subject was taught by Dr. M. Hossain, Teacher of Medical Jurisprudence. Besides the usual course of lectures, 553 medico-legal post mortems were held during the year which the students had the opportunity of witnessing.

**(J) Children's Ward (Pedisterids).**—The department consisting of a ward of 20 beds was under the charge of Dr. S. C. Mitra, the Associate Physician. The total number of cases admitted during the year was 308. Students of the third year class, in batches of 10 to 15, were detailed for instructions for a month and a half at a time in this ward. They had training in disease of early childhood including systematic instructions in methods of examination, care, feeding and treatment of infantile disorders. Special attention was paid to developmental and efficiency diseases, such as rickets, nutritional anæmia, endocrine disorders, etc.

**(K) Department of Surgery.**—The prescribed course of 50 lectures was delivered by the Teacher Dr. T. Acharji, M.B., during the year. Twenty practical classes in operative surgery were held by the Teacher of Clinical



Surgery and tutorial classes by the Associate Surgeons and the Resident Medical Officers, Clinical Instructions were given in the Outpatients' Department and in the wards. In the latter section the students were required to act as surgical dressers and also to attend all operations performed by the Surgeon-in-charge. Special instructions in Ear, Nose and Throat Diseases and in Ophthalmic Surgery were given by Dr. B. B. Ghosh, M.B., D.O.M.E., the Ophthalmic Surgeon. The Kirsch wire extension method of treatment of fractures was frequently made use of by the surgeons, also surgical Diathermy for operations wherever required. Further new Government grant obtained from January 1944 and Venereal Department was extended, the hours being changed from 11 to 1 p.m. to 8-30 to 11 a.m. The female section was also considerably improved being placed under a lady doctor under the supervision of a Venereal Surgeon.

**(L) Ophthalmic Surgery.**—There are 20 beds available, but on account of present emergency was cut down to 13 for treatment of eye cases and the number of in-patients treated during the year was 190. All varieties of cases, including severe conjunctivitis, special types of corneal ulcers, diseases of the lens and ciliary body, etc., were admitted for teaching purposes and treated. Besides clinical demonstrations were given on 6 days of the week, three of which were taken by the Honorary Ophthalmic Surgeon and the remaining three days of the Honorary Associate Surgeon. The cases of the wards were distributed amongst the students for examination and follow up of their treatment and progress. The student in charge of a case was required to help in the operation with the hammer lamp to illuminate the eye, so that he could see every step of the process well. During and after the operation the steps were explained to him as well as to the other students of the ward and the student concerned was required to write the operation notes. 6511 eye cases were seen in the out-patients' Department during the year consisting of a wide variety of eye diseases, which the students had the opportunity of examining. Twenty lectures were delivered by the Surgeon on diseases of the eye. Special stress was laid in those lectures which were illustrated by models, diagrams and specimens on the preventive aspect of blindness and spread of infection.

**(M) Obstetrical and Gynaecological Section.**—The department was under the charge of Dr. S. C. Bose, M.B., F.R.C.S., M.R.C.O.G., Teacher of Midwifery, Campbell Medical School. Fifty lectures on Obstetrics and Gynaecology were delivered by the teacher to the students of the fourth year class. The number of beds available in the section was 44, 22 obstetrical and 22 gynaecological which were always full. The students were detailed for duty in the wards in batches of 20 at a time for a period of three months and they were required to follow the cases from the time of admission to the date of discharge. In the bedside clinics special stress was laid on hygiene. Mechanism of labour (normal and abnormal), uses and applications of commoner obstetrical instruments were demonstrated on the dummy regularly to the students. They attended 1,100 labour cases and 575 operations during the year. Total number of confinements during the year were 1,100 and the previous year 728. Total number of gynaecological operations this year were 575, previous year 437.

**(N) Out-patients' Department.**—The department consists of a Surgical Section, a Medical Section, a separate section for women, sections for the diseases of the eye, ear, nose and throat, Venereal and a Vaccination Section, a Casualty Section and a dispensary. The building, however, is much too small for accommodating the existing departments and has no accommodation at all for opening a chest and a skin department which are also necessary. The difficulties can be got over, only by construction of a more spacious building. The Venereal Section (male) as

opened in the Woodburn Ward as a temporary measure. This is very popular but cannot adequately expand for want of sufficient space.

(O) **V. D. Clinic.**—The students of the fourth year class were given instructions for a week at a time in batches of five. They were taught the recent methods of prophylaxis, diagnosis, also laboratory methods and treatment of the diseases.

### III—Conduct and attainments of students.

Generally speaking, the attainments of the students were not satisfactory, due to the minimum qualification for entrance to the school being the Matriculation Standard. Raising of the qualification from Matriculation to I.Sc. would be desirable to enable the students to grasp the subject more thoroughly.

One hundred and twenty-eight students were admitted to the Licentiate class, as shown in Table (C), of whom one was B.A. or B.Sc. and 22 I.Sc.'s as against one B.Sc., 39 I.A. and I.Sc.'s admitted the year before. Thirty-one students were admitted to the compounder class.

**Students' Union.**—The Students' Union is divided into the following sections:—

- (1) The Literary and Scientific Section and Students' Benefit Section.
- (2) The Entertainment Section.
- (3) The Athletic Section.

The Campbell Medical School Magazine is published yearly by the Literary and Scientific Section.

The Benefit Fund Section distributed Rs. 90 to poor students for the purchase of books, instruments and for paying the examination fees.

The Campbell Medical School teams took part in various tournaments and they all acquitted themselves well.

Football and cricket sections are having very successful enterprise in local and outside tournaments as well. Besides this the athletic section is running all sorts of indoor games and well-equipped gymnasium.

**Remarks.**—This institution passed through unprecedented troubles on account of strikes of the students in the year under report and in the previous years. This year the menials and the male nurses also joined and which required certain departmental actions. Students' strikes, however, continued up to January 1944. The situation was so bad that it was considered the school was unworkable and had to be closed *sine die* and Government declared that until a sufficiently large number of students applied with apology for joining the institution unconditionally the school was to remain closed. The present Superintendent took charge in January, and very soon after applications for joining the institution with apology for going on strike were pouring in. Government conditions being fulfilled, the school was opened on the 27th January 1944. There was certain misgivings with the public also that one of the methods for ventilating the grievances of the students could be by going on strike. Such act could not under any circumstances be justified. Government in their communiqué, dated 22nd January 1944, reviewed the whole position and made it clear that such act of indiscipline could not be tolerated and if repeated the authorities must take deterrent action and the action taken would be considered justified. As soon as the school was opened, the Superintendent arranged for special class to make up the deficiencies caused by absence during strike for a period of about two months and he so fulfilled the number of classes as required by the Faculty that the students should

sit for the next examination. Results also were not too unfavourable as compared with other institutions.

One of the serious handicap of this institution was that two of the permanent Surgeons were taken away for emergency work. The Government at the request of the Superintendent accepted the principle of filling up the vacancy by Contract Service Officers and two such officers were eventually appointed which filled up the vacancy existed for a long time.

This institution had a Students' Union with a fund raised from among the students. It was found that funds so raised and got into their possession, were not fully utilised for the natural functions of the Union, but was diverted for certain extra academic activities. This has been stopped entirely by the present Superintendent.

The sports and the games were also considerably disorganised due to the strike. But normal state of things was gradually restored.

The reunion of the present and past students was held in February when the atmosphere of this institution was more quiet. This consisted of reunion functions as the presidential reception and address, also scientific meetings, the medical exhibition and various amusements in which doctors, male students and the lady students participated. Those days of festivities and amusements immediately following a very troubled period was greatly appreciated.

**First Aid Class.**—A course of instruction in First Aid to the Injured was given to the compounder students by the Demonstrator of Anatomy.

**Post-graduate training class.**—No Sub-Assistant Surgeons received post-graduate training during the year under report.

**Athletic Club.**—The club has been well maintained and the students took great interest in competitions and friendly games.

#### IV—Finance.

The total receipt of the school other than from Government during the year under report was Rs. 58,111-11-6 and the total expenditure Rs. 1,24,541-2-6 as against Rs. 70,753-2 and Rs. 1,25,697-9-6.

The details of the receipt and expenditure for the last two years are given in Table (E).

The causes of increase or decreases of income and expenditure, in comparison with those of the previous year, are stated at the foot of Table (E).

The average primary cost per student educated was Rs. 600 per year.

#### V—Establishment.

(1) Dr. D. C. Chakravarti, M.B.E., F.R.C.S.E., from 1st January 1943 to 31st December 1943 and Rai Dr. A. R. Majumdar Bahadur from 1st January 1944.

The above two persons held charge of the office of the Superintendent throughout the year.

Dr. W. Mahmud, M.B., held charge of the office of the Deputy Superintendent through the year.

**ANNEXURE I.**

*1. List showing the names of the staff with their academic qualifications and their duties in the Campbell Medical School—also whether whole-time, part-time or honorary.*

(1) Dr. D. C. Chakravarti, M.B.E., F.R.C.S., Superintendent—Part-time Officer.

(2) Rai Dr. A. R. Majumdar Bahadur, M.B., Superintendent—Part-time Officer.

(3) Dr. T. Acharji, M.B., Teacher of Surgery—Part-time Officer.

(4) Vacant, Teacher of Clinical Surgery—Part-time Officer.

(5) Vacant, Additional Teacher of Clinical Surgery—Part-time Officer.

(6) Dr. B. B. Ghosh, M.B., D.O.M.S. (Lond.), Teacher of Ophthalmic Surgery (Honorary).

(7) Dr. P. Bhattacharjee, M.B., and Dr. Nawab Ali, M.B., Teachers of Medicine—Part-time Officer.

(8) Dr. S. C. Bose, M.B., M.R.C.O.G., Teacher of Midwifery—Part-time Officer.

(9) Dr. M. Hossain, M.B., Teacher of Medical Jurisprudence—Part-time Officer.

(10) Dr. S. C. Chandra, M.B., and Dr. S. K. Bhattacharjee, B.Sc., M.B., Teacher of Pathology and in charge of the Pathological Department—Part-time Officer.

(11) Dr. B. C. Chatterjee, M.B., D.T.M., D.P.H., Teacher of Hygiene (Honorary)—Part-time Officer.

(12) Dr. M. Chakravarti, M.Sc., M.B., Teacher of Physiology and in charge of the Physiological Department—Part-time Officer.

(13) Dr. L. K. Ghosh, M.B., Teacher of Anatomy and in charge of the Anatomy Department—Whole-time Officer.

(14) Dr. P. C. Chakravarti, M.B., L.R.C.P., M.R.C.S., and Dr. Ali Ahmed, M.B., Teachers of Materia Medica—Part-time Officer.

(15) Dr. S. C. Mukherjee, M.Sc., Teacher of Chemistry and Physics—Part-time Officer.

Five Demonstrators, Anatomy Department—Whole-time Officers.

Three Demonstrators, Pathology Department—Whole-time Officers.

Three Demonstrators, Physiology Department—Whole-time Officers.

Dr. R. Chakravarti, Demonstrator of Materia Medica and Teacher, Junior Compounder Class—Whole-time Officer.

**2. Students on 1st July 1944—**

(1) Sex of students—Male 509; Female 56; Total 565.

(2) Maximum number of new admission annually—Male 116; Female 12; Total 128.

(3) Age limits, high and low, for students on admission—No high age limit. Must be over 15 years.

(4) Standard of general education required on admission to the school—Matriculation or its equivalent in the minimum standard.

### 3. Examinations—

(1) Name of examiners at each of the examinations—Examiners are appointed by the Governing Body of the State Medical Faculty of Bengal every year.

(2) By whom appointed and for how long at a time—Examiners are appointed by the Governing Body of the State Medical Faculty of Bengal every year.

(3) Percentage of marks required at each examination to obtain a pass—40 per cent.

(4) Proportion of students who take all the subjects at the Final Examination—77·7 per cent.

### 4. Financial—

(1) Cost to Government or to the body responsible for the school per student per annum in the school—Rs. 600.

(2) What percentage of students are paid for by—

(a) Government—13·71 per cent.

(b) Local bodies or other agencies—5·42 per cent.

(c) Privately by their guardians—82·87 per cent.

### 5. *List showing names of staff with academic qualifications and their duties in the Campbell Hospital attached to the Medical School, whether whole-time, part-time or honorary.*

(1) Dr. D. C. Chakravarti, M.B.E., F.R.C.S.E., Superintendent of Hospital and in charge of European Smallpox Hospital—Part-time Officer.

(2) Rai Dr. A. R. Majumdar Bahadur, Superintendent of Hospital and in charge of European Smallpox Hospital—Part-time Officer.

(3) Dr. T. Acharji, M.B., Surgical Ward—Part-time Officer.

(4) Dr. N. K. Nag, M.B., Associate Honorary—Part-time Officer.

(5) Vacant, Surgical Ward—Part-time Officer.

(6) (Vacant), Dr. N. C. Banerjee, Associate Honorary—Part-time Officer.

(7) Vacant, Surgical Ward—Part-time Officer.

(8) Dr. S. Sen Gupta, M.B., Associate Honorary—Part-time Officer.

(9) Dr. S. K. Chatterjee, M.B., F.R.C.S.E., Honorary Surgeon, Surgical Ward—Part-time Officer.

(10) Dr. Matilal Pan, M.B., Associate Honorary—Part-time Officer.

(11) Dr. B. B. Ghosh, M.B., D.O.M.S., In-charge, Eye beds (Honorary)—Part-time Officer.

(12) Dr. P. K. Guha, Associate Honorary—Part-time Officer.

(13) Dr. A. M. Malik, M.B., Honorary Additional Associate Surgeon to the Honorary Ophthalmic Surgeon—Part-time Officer.

(14) Dr. P. Bhattacharjee and Dr. Nawab Ali, M.B., Teachers in charge of 1st Medical Ward—Part-time Officers.

(15) Dr. A. C. Sen, M.B., Associate Honorary Physician—Part-time Officer.

(16) Vacant, Honorary Physician—Part-time Officer.

(17) Dr. M. N. Sarcar, M.B., Associate Physician—Part-time Officer.

(18) Dr. S. C. Bose, M.B., Teacher in charge of the Midwifery and Gynæcology Wards—Part-time Officer.

(19) Dr. B. Sinha, M.B., Associate Honorary—Part-time Officer.

(20) Dr. Md. Hossain, Teacher in charge of the Infectious Diseases Wards—Part-time Officer.

(21) Dr. P. Chatterjee, M.B., Associate Honorary—Part-time Officer.

(22) Vacant, Honorary Medical Officer, Infectious Diseases Wards—Part-time Officer.

(23) Dr. Monomohan Ghosh, M.B., Associate Honorary—Part-time Officer.

(24) Dr. M. Ali and Dr. Ali Ahmed, Teachers in charge of 2nd Medical Ward—Part-time Officers.

(25) Dr. H. K. Roy, Associate Honorary—Part-time Officer.

(26) Dr. L. K. Mitra, Honorary Physician, Children's Ward—Part-time Officer.

(27) Dr. S. C. Mitra, Honorary Associate Physician, Children's Ward—Part-time Officer.

(28) Captain M. Mukherjee, M.B., D.M.R.E. (Cantab<sub>4</sub>), Honorary Radiologist—Part-time Officer.

(29) Dr. S. C. Chandra, M.B., and Dr. S. Bhattacharjee, Pathologists to Hospital—Part-time Officers.

#### *Out-patients' Department.*

(30) Dr. M. L. Chakravarti, M.Sc., M.B., Teacher in charge of the Out-patients' Department—Part-time Officer.

#### *Venereal Department.*

(31) Dr. B. B. Sinha, M.B., Honorary Venereal Surgeon, Out-patients' Department—Part-time Officer.

#### *Eye Department.*

(32) Dr. B. B. Ghosh, M.B., D.O.M.S. (Lond.), Ophthalmic Surgeon, Out-patients' Department (Honorary)—Part-time Officer.

(33) Dr. (Mrs.) Asema Khatoon, In-charge of the Female Out-patients' Department—Whole-time Officer.

#### *Dental Department.*

(34) Dr. J. K. Majumdar, M.B., Surgeon—Part-time Officer.

(35) Dr. H. Hoque, Associate—Part-time Officer.

A. R. MAJUMDAR, RAI BAHADUR,

*Superintendent, Campbell Medical  
School and Hospital.*

**TABLE A.**

**Statement showing the attendance of the students of Campbell Medical School, Calcutta, during the year 1943-44 and the previous year.**

| Sessions.       | Remained on the roll from previous year. | Admitted during the year. | Re-admitted during the year. | Admitted on transfer from other medical schools. | Total. | Left school having passed final L.M.F. examination. | Removed for absence without leave. | Removed for non-payment of schools fees. |
|-----------------|--|---------------------------|------------------------------|--|--------|---|------------------------------------|--|
| <b>1942-43.</b> |  |                           |                              |  |        |   |                                    |  |
| Male ..         | 454                                      | 85                        | 6                            | 1  | 546    | 64  | 8                                  | 28                                       |
| Female ..       | 53                                       | 14                        | 1                            | 1  | 68     | 11  | ..                                 | 6  |
| <b>1943-44.</b> |  |                           |                              |  |        |   |                                    |  |
| Male ..         | 361                                      | 116                       | 10                           | 2  | 500    | 82  | ..                                 | 26                                       |
| Female ..       | 41                                       | 12                        | ..                           | 3  | 56     | 13  | ..                                 | ..                                       |

| Sessions.       | Removed for failure at the School Test examinations. | Rusticated for misconduct. | Transfer to other medical schools. | Resigned or left otherwise. | Dead. | Total. | Remained on the roll at the end of the year | Average monthly number of pupils. | Average daily attendances. |
|-----------------|--|----------------------------|------------------------------------|-----------------------------|-------|--------|---|-----------------------------------|----------------------------|
| <b>1942-43.</b> |  |                            |                                    |                             |       |        |   |                                   |                            |
| Male ..         | 32   | 5                          | 1                                  | 27                          | ..    | 165    | 381   | 420.00                            | 411.24                     |
| Female ..       | 3  | ..                         | ..                                 | 6                           | 1     | 27     | 41  | 51.16                             | 50.46                      |
| <b>1943-44.</b> |  |                            |                                    |                             |       |        |   |                                   |                            |
| Male ..         | 26   | 1                          | 1                                  | 22                          | ..    | 168    | 351   | 410.56                            | 395.72                     |
| Female ..       | 1  | ..                         | ..                                 | 3                           | ..    | 17     | 39  | 45.07                             | 42.63                      |

TABLE B.

**Classification of students according to religion and nationality taught in and passed out of the Campbell Medical School, Calcutta, during the year 1943-44.**

| Classification.                          | Total number of students taught during the year, i.e. number remaining for the previous year and the number admitted during the year. |         | Number passed out during the year in the Final L.M.F. examination. |         |
|--|---|---------|--|---------|
|  | Male.   | Female. | Male.  | Female. |
| 1  | 2   | 3       | 4  | 5       |
| <i>Religion.</i>                         |   |         |  |         |
| 1. Anglo-Indian .. .. .                  | ..  | ..      | ..   | ..      |
| 2. Indian Christian .. .. .              | 1   | 1       | ..   | ..      |
| 3. Hindus—                               |   |         |  |         |
| Brahmins .. .. .                         | 112   | 9       | 12   | 2       |
| Non-Brahmins .. .. .                     | 250   | 35      | 56   | 10      |
| 4. Muslims .. .. .                       | 146   | 10      | 14   | 1       |
| 5. Others .. .. .                        | ..  | 1       | ..   | ..      |
| Total ..                                 | 509   | 56      | 82   | 13      |
| <i>Nationality.</i>                      |   |         |  |         |
| 1. Anglo-Indian and Indian Christians .. | 1   | 1       | ..   | ..      |
| 2. Bengalees .. .. .                     | 506   | 54      | 82   | 13      |
| 3. Assamese .. .. .                      | ..  | ..      | ..   | ..      |
| 4. Nepali .. .. .                        | 1   | 1       | ..   | ..      |
| 5. Sikkimese and Bhutanese .. .. .       | 1   | ..      | ..   | ..      |
| 6. Madrasis .. .. .                      | ..  | ..      | ..   | ..      |
| Total ..                                 | 509   | 56      | 82   | 13      |



**TABLE C.**

**Classification according to Preliminary General Education of the students during the year 1943-44 and the previous year of the Campbell Medical School, Calcutta.**

| Classification.         | Hindus. |         | Muslims. |         | Christians. |         | Others. |         |
|-------------------------|---------|---------|----------|---------|-------------|---------|---------|---------|
|                         | Male.   | Female. | Male.    | Female. | Male.       | Female. | Male.   | Female. |
| 1                       | 2       | 3       | 4        | 5       | 6           | 7       | 8       | 9       |
| B.A. or B.Sc.—          |         |         |          |         |             |         |         |         |
| 1942-43 ..              | 1       | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..              | 1       | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| I.A. or I.Sc.—          |         |         |          |         |             |         |         |         |
| 1942-43 ..              | 9       | 5       | 2        | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..              | 13      | 7       | 2        | ..      | ..          | ..      | ..      | ..      |
| I.A. or I.Sc. appended— |         |         |          |         |             |         |         |         |
| 1942-43 ..              | 20      | ..      | 2        | 1       | ..          | ..      | ..      | ..      |
| 1943-44 ..              | ..      | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| Matriculation—          |         |         |          |         |             |         |         |         |
| 1942-43 ..              | 50      | 6       | 24       | 4       | ..          | ..      | ..      | ..      |
| 1943-44 ..              | 66      | 5       | 34       | ..      | ..          | ..      | ..      | ..      |

**TABLE D(a).**

**Statement showing the results of the compoundership examinations of the Campbell Medical School, Calcutta, during the year 1943-44 and the previous year.**

| Session.          | Remaining from the previous year. | Number of students admitted during the year. | Number of students removed throughout the year. | Total number of students under training. |                 |             |                 |             |
|-------------------|-----------------------------------|--|---|--|-----------------|-------------|-----------------|-------------|
|                   |                                   |  |   |  | September 1943. | March 1944. | September 1943. | March 1944. |
| Regular students— |                                   |  |   |  |                 |             |                 |             |
| 1942-43 ..        | 37                                | 18   | 23  | 55                                       | 42              | 16          | 36              | 13          |
| 1943-44 ..        | 20                                | 31   | 7   | 51                                       | 20              | 2           | 19              | 2           |

**TABLE D(b).**

**Statement showing the results of the examination of the State Medical Faculty of Bengal in the Campbell Medical School, Calcutta, during the year 1943-44 and the previous year.**

| Session.  | Final Licentiate Examination. |          |                |          |             |          | Intermediate Licentiate Examination. |          |                |          |
|-----------|-------------------------------|----------|----------------|----------|-------------|----------|--------------------------------------|----------|----------------|----------|
|           | Number appeared.              |          | Number passed. |          | Percentage. |          | Number appeared.                     |          | Number passed. |          |
|           | April.                        | October. | April.         | October. | April.      | October. | April.                               | October. | April.         | October. |
|           | 2                             | 3        | 4              | 5        | 6           | 7        | 8                                    | 9        | 10             | 11       |
| 1         |                               |          |                |          |             |          |                                      |          |                |          |
| 1942-43.  |                               |          |                |          |             |          |                                      |          |                |          |
| Male ..   | 84                            | 70       | 30             | 25       | 35.49       | 35.85    | 84                                   | 108      | 49             | 42       |
| Female .. | 18                            | 10       | 6              | 5        | 33.33       | 33.33    | 11                                   | 14       | 8              | 6        |
| 1943-44.  |                               |          |                |          |             |          |                                      |          |                |          |
| Male ..   | 91                            | 108      | 42             | 32       | 45.7        | 30.19    | 72                                   | 87       | 41             | 18       |
| Female .. | 7                             | 14       | 6              | 8        | 85.71       | 57.14    | 12                                   | 6        | 10             | 1        |

| Session.  | Intermediate Licentiate Examination. |          | Primary Licentiate Examination. |          |                |          |             |          |
|-----------|--------------------------------------|----------|---------------------------------|----------|----------------|----------|-------------|----------|
|           | Percentage.                          |          | Number appeared.                |          | Number passed. |          | Percentage. |          |
|           | April.                               | October. | April.                          | October. | April.         | October. | April.      | October. |
|           | 12                                   | 13       | 14                              | 15       | 16             | 17       | 18          | 19       |
| 1         |                                      |          |                                 |          |                |          |             |          |
| 1942-43.  |                                      |          |                                 |          |                |          |             |          |
| Male ..   | 58.38                                | 38.88    | 53                              | 45       | 39             | 30       | 54.71       | 66.66    |
| Female .. | 72.72                                | 62.50    | 8                               | 1        | 7              | ..       | 87.5        | ..       |
| 1943-44.  |                                      |          |                                 |          |                |          |             |          |
| Male ..   | 56.94                                | 20.69    | 82                              | 14       | 48             | 11       | 58.58       | 78.57    |
| Female .. | 83.33                                | 16.66    | 9                               | ..       | 7              | ..       | 77.77       | ..       |

**TABLE E.**  
**Statement showing income and expenditure of the Campbell Medical School, Calcutta, during the year 1943-44 and the previous year.**

| Heads of receipts.   | Income.       |               |              |                | Heads of expenditure.   | Expenditure.  |               |                |                 |
|--|---------------|---------------|--------------|----------------|---|---------------|---------------|----------------|-----------------|
|  | 1942-43.<br>2 | 1943-44.<br>3 | Income.<br>4 | Decrease.<br>5 |   | 1942-43.<br>7 | 1943-44.<br>8 | Increase.<br>9 | Decrease.<br>10 |
| 1  | Rs. a. p.     | Rs. a. p.     | Rs. a. p.    | Rs. a. p.      | 6   | Rs. a. p.     | Rs. a. p.     | Rs. a. p.      | Rs. a. p.       |
| <b>Receipts from other sources than Government—</b>                                      |               |               |              |                |   |               |               |                |                 |
| School fees ..   | 66,446 9 0    | 54,885 0 0    | ..           | 11,561 0 0     | Establishment ..  | 88,906 11 0   | 88,900 0 0    | ..             | 6 11 0          |
| Fines ..   | 415 8 0       | 716 0 0       | 300 8 0      | ..             | Scholarships ..   | 20,508 0 0    | 20,864 11 0   | ..             | 143 5 0         |
| Entrance fees ..   | 1,224 0 0     | 1,171 0 0     | ..           | 53 0 0         | Contingencies ..  | 6,266 3 0     | 5,084 4 0     | ..             | 1,181 8 0       |
| Miscellaneous ..   | 1,059 10 0    | 677 10 6      | ..           | 381 15 6       | Book allowance ..   | 78 0 6        | 162 0 0       | 83 15 6        | (c) ..          |
| Mohsin Fund ..   | 896 0 0       | ..            | ..           | 896 0 0        | Prizes ..   | 235 14 0      | 247 4 0       | 11 13 0        | ..              |
| Income from investment of Mahalanadhi Baidya of Gwalior Trust Fund for prizes ..         | 7 0 0         | 7 0 0         | ..           | ..             | Taxes ..  | 3,984 13 0    | 3,148 6 0     | ..             | 836 7 0         |
| Countess of Dufferin Fund (Bengal Branch) and Walter Thompson Female Scholarship Fund .. | 465 0 0       | 455 0 0       | ..           | 10 0 0         | Building and repairs ..   | 1,446 1 0     | 521 6 0       | ..             | 924 11 0        |
| Assam Government Female Scholarship ..   | 240 0 0       | 200 0 0       | ..           | 40 0 0         | Stationery and forms ..   | 625 15 0      | 700 0 0       | 74 1 0         | ..              |
|  |               |               |              |                | Medical and surgical requisites. Remuneration to taxidermist. Mohsin Fund ..        | 1,649 0 0     | 4,373 5 6     | 2,724 5 6      | ..              |
|  |               |               |              |                | Countess of Dufferin Fund (Bengal Branch) and Walter Thompson Female Scholarship .. | 96 0 0        | 84 0 0        | ..             | 12 0 0          |
|  |               |               |              |                | Assam Government Female Scholarship ..  | 896 0 0       | ..            | ..             | 896 0 0         |
| <b>Total</b> ..  | 70,753 2 0    | 58,111 10 6   | 300 8 0      | 12,641 15 6    | <b>Total</b> ..   | 1,25,697 9 6  | 1,24,541 2 6  | 2,694 3 0      | 4,050 10 0      |
| <b>Receipts from Government</b> ..   | 54,944 7 6    | 66,429 8 0    | ..           | ..             | <b>Receipt from Government.</b>   | ..            | ..            | ..             | ..              |
| <b>Total income</b> ..   | 1,25,697 9 6  | 1,24,541 2 6  | ..           | 1,156 7 0      | <b>Total expenditure</b> ..   | 1,25,697 9 6  | 1,24,541 2 6  | ..             | 1,156 7 0       |

(a) Decrease is due to less number of students paid school fees.

(b) Decrease is due to grant not received.

(c) Decrease is due to less expenditure under the head.

(d) Increase is due to rise in the value of medicines, etc., purchased.

(e) Decrease is due to less expenditure under the head.

A. R. MAZUMDER, Rai Bahadur  
 Superintendent, Campbell Medical Schools and Hospital.

## **Annual Report of the Dacca Medical School for the year 1943-44.**

### **I—Building and Accommodation.**

Under the existing circumstances no improvement in accommodation can be suggested except that already mentioned in previous reports. It may only be noted in passing that the temporary tin shed so long used as students' Common Room has for sometime been utilised as Emergency Hospital for the destitutes and it is quite uncertain when it will be available for students' Common Room again.

### **II—Teaching equipment.**

**(A) Chemistry and Physics.**—The teaching in Chemistry and Physics carried on by the science staff of Jagannath Intermediate College during the year under report has been satisfactory, but the result of examination was not up to the mark. This is due to the fact that they have just taken up the teaching and will improve the standard in due course. It may be noted here that the Teachers in Chemistry and Physics here should have the chance of being selected as examiners in the Faculty examinations so that they may be familiar with the standard required by the Faculty.

**(B) Anatomy.**—The necessity of a whole-time mechanic for the Mortuary Cooler as well as for other apparatus maintained for teaching purpose still persists, to prevent wastage of electricity and also for normal teaching work. The supply of dead bodies had been up to requirement. A better supply of bodies would facilitate and improve teaching work. There had been no addition to the models owing to the shortage of funds as well as difficulty in obtaining them from foreign countries. These would improve equipment. The shortage in demonstration staff and frequent changes among them noted in last year's report which interrupted teaching has improved to a certain extent. But to get the full advantage of the teaching of the staff thus appointed they should be allowed to continue in their respective appointments for a sufficiently long time. The teacher and the demonstrators worked in co-operation and to the best interest of the school and the students.

**(C) Physiology.**—In spite of drawbacks noted in last year's report the result of examination in the subject was on the whole satisfactory. The Teachers and the Demonstrators worked with zeal and efficiency. Every step was taken to improve the standard of teaching.

**(D) Materia Medica (Elementary Pharmacology).**—The teaching of the subject was quite up to the mark, and the result of examination was on the whole satisfactory. Purchase of modern appliances to demonstrate the action of certain drugs has become a necessity. The Teacher and the Demonstrator took keen interest in the better teaching of the students.

**(E) Pathology.**—The subject was dealt with in Medical, Surgical and Gynaecological aspects both in lectures and demonstration classes. Museum facilities for the students were available as well. A better class of specimens and additions to the diagrams are essential for teaching work.

**Hospital practice.**—Clinical teaching in the hospital wards was carried on satisfactorily except in the case of Surgery as already mentioned in last

year's report. Clinical material available in the hospital was in keeping with the requirements as far as the teaching is concerned if full advantage is taken of the material thus received. Better class of Resident Medical Officers, both Government and Honorary, would improve the standard of clinical work carried on in the hospital.

### III—Attendance of students.

The attendance of students was on the whole satisfactory. The students were alive to their own interest and attended their classes and hospital work regularly except when prevented by illness.

One hundred and twenty-two male and 14 female students were admitted during the year under report.

**Compounders.**—There has been a sudden fall in the number of students seeking admission in the Compounder Class and unless there is an appreciable number of students on the roll, organised and regular teaching cannot be carried on with lively interest. Hospital work which had so long been carried on by the Apprentice Compounders in the course of their teaching has been greatly hampered.

**Dhai Class.**—Unless the standard of teaching is raised there is no chance of improvement in the class of people from which they are selected for admission and it is desirable in every respect that such students should be recruited from better class of people.

**Conduct and education.**—The conduct of students was on the whole satisfactory and there was no case of serious breach of discipline. Although a few highly qualified students were admitted into the school general run of students admitted were very poorly qualified, and as such the result of examination has deteriorated to a certain extent. It is desirable in the interest of the institution that better class of students should be selected for admission, i.e., students who have passed first division Matriculation.

**Examination.**—The result of examination was not at all satisfactory except in the case of Primary examination. This might partly be attributed to the fact that there was no permanent Teacher of Surgery for a considerable period of the year and his duties were carried on by different officers in addition to their own duties. This remark applies to a certain extent to the teaching of Medical Jurisprudence and Hygiene. Again in the case of Intermediate examination the teaching was much hampered owing to the paucity of demonstrating staff both in Anatomy and Physiology. A stable and qualified staff is a very essential feature in a teaching institution.

**Finance.**—Details are furnished in Table E. The total receipts from other sources than Government was Rs. 39,111-4 against Rs. 35,325-11 and total expenditure was Rs. 71,693-6 against Rs. 79,967-0-9 of the previous year.

The average primary cost per student educated was Rs. 497 against Rs. 405 of the previous year.

**Recruitment.**—A record number of passed students of the school voluntarily joined the I.A.M.C. and it is a matter of great satisfaction that as far as could be ascertained they have maintained the high tradition of their Alma Mater by the faithful and efficient discharge of their duties.

**Hostels.**—The difficulties in accommodation and management of the students' messes noticed in the reports of the last few years have been increasing year by year. It was more so during the year under report

owing to the fact that one mess was commandeered by Government and the other had to be vacated to accommodate a member of the teaching staff. So it would appear that unless the matter is seriously taken up by Government the difficulties pointed out above can never be solved and in consequence students will continue to suffer both in the matter of getting accommodation and in pursuing their studies in a calm and undisturbed atmosphere.

**Sports.**—The activities of the Athletic Club were carried on under favourable conditions and both the students and the staff took active interest in the games and the management of the affairs of the club was also quite satisfactory. Thanks are due to Dr. Md. Abdul Karim, Honorary Secretary of the Club, who gave his ungrudging service to the welfare of the club.

Co-operation among the members of the staff was excellent. All worked hard during the year under review and showed keen interest in the welfare of the students and the institution.

W. J. VIRGIN, MAJOR, I.M.S..

*Superintendent, Dacca Medical School.*

**ANNEXURE.**

|  |        |
|--|--------|
| Number of sanctioned beds in the hospital ...                        | 261    |
| Daily average number of in-patients during the year under report ... | 268.03 |

Daily average number of confinement cases during the last three years:—

|             |      |
|-------------|------|
| 1941-42 ... | 1.24 |
| 1942-43 ... | 1.99 |
| 1943-44 ... | 2.34 |

Number of microscopes allotted for personal use of the students:—

*Physiology.*—Forty-six students' microscopes, and two with mechanical stage and oil immersion lens.

*Pathology.*—

|  |    |
|--|----|
| Students' microscopes ...              | 18 |
| Microscope with oil immersion lens ... | 10 |

**Examination.**

Names\* of examiners at each of the examinations of the Faculty are enclosed herewith. They are appointed by the Governing Body of the Faculty at the time of each of the examination held in May and November. Percentage of marks at each of the examination to get a pass is 40 per cent. Proportion of students who take all subjects in the Final Licentiate Examination vary in different years from 65 to 70 per cent. (approximately).

**Finance.**

The percentage of educational expenses of the students paid for by different bodies:—

|                  | Per cent. |
|------------------|-----------|
| Government ...   | 35        |
| Local bodies ... | 5         |
| Guardians ...    | 60        |

Sex of the students—Male 460; female 32.

Maximum number of new admissions—125 (approximately).

Age limit, high or low, of students for admission. They must have attained 16 years of age on the following May, i.e., when the Primary examination falls due.

Standard of general education required for admission. They must have passed the Matriculation examination of the Calcutta University or its accepted equivalent.

**Staff.**

List showing the names of the members of the teaching staff with their academic qualifications and their duties in the school and the hospital is given in Appendix A.

\* This is common to all the schools so they are not repeated here.

## APPENDIX A.

**Names, qualification and pay of the Superintendent, Teachers, Demonstrators and Tutors, subject by subject, mention whether they are whole-time or part-time.**

| No. | Teachers: Name with qualification.              | Designation.   | Pay and allowance.                   | Remark.   |
|-----|---|--|--------------------------------------|---|
|     |   |  | Rs. a.                               |   |
| 1   | Major G. W. B. Fisher,<br>I.M.S., F.R.C.S. Sc.  | Superintendent ..  | Grade pay<br>S. A. 200 0             | He held charge of the Teachership of Surgery and was relieved by Dr. H. C. Maitra on 27th March 1944.         |
| 2   | Dr. Dharendra Nath Mitra,<br>L.M.S., M.B.C.O.G. | Teacher of Midwifery and<br>Gynaecologist, M. H.                       | Grade pay<br>S. A. 450 0<br>150 0    |   |
| 3   | Dr. Altafuddin Ahmed,<br>M.B., D.T.M. (b).      | Teacher of Materia Medica<br>and Medical Officer, 2nd<br>Medical Ward. | Grade pay<br>S. A. 225 0<br>75 0     | He is also Deputy Superintendent of School.   |
| 4   | Dr. Nawab Ali, M.B., D.T.M.                     | Teacher of Medicine and<br>Medical Officer, First<br>Medical Ward.     | Grade pay<br>S. A. 350 0<br>127 8    |   |
| 5   | Dr. Khagendra Nath Bose,<br>L.M.F. (a).         | Teacher of Pathology and<br>Clinical Pathologist,<br>M. H.             | Grade pay 175 0                      | He held charge of the Teachership of Pathology in addition to his duties as Senior Demonstrator of Pathology. |
| 6   | Dr. Ali Nawab, M.B., D.F.H.                     | Teacher of Hygiene ..  | Per annum 250 0                      | He is a part-time officer.  |
| 7   | Dr. Md. Abdul Karim ..                          | Teacher of Physiology ..   | Grade pay 200 0                      | He held additional charge of the teachership of Hygiene to relieve Dr. Ali Nawab.                             |
| 8   | Dr. Kalipada Mukherjee,<br>M.B.                 | Teacher of Anatomy ..  | Grade pay 140 0<br>Personal pay 22 0 | He has been allotted certain beds in the Surgical Wards.  |

(a) He has been promoted to the rank of Assistant Surgeon.

(b) Held additional charge of the Teacher of Medical Jurisprudence till May 1944.



TABLE A.

Statement showing the attendance of students of Dacca Medical School during the year 1943-44 and the previous year.

| Session.  | 1 | Remaining on the roll from the previous year. | Admitted during the year. | Re-admitted during the year. | Admitted on transfer from other Medical Schools. | Total. | Left, died, etc., during the year.                 |                                    |   |                                     |
|-----------|---|---|---------------------------|------------------------------|--|--------|--|------------------------------------|---|-------------------------------------|
|           |   |   |                           |                              |  |        | Left school after having passed the Final L. M. F. | Removed for absence without leave. | Removed for non-payment of school fees. | Removed for failure in examination. |
|           |   | 2   | 3                         | 4                            | 5  | 6      | 7  | 8                                  | 9                                       | 10                                  |
| 1942-43.  |   |   |                           |                              |  |        |  |                                    |   |                                     |
| Male ..   |   | 280   | 111                       | 10                           | 18   | 419    | 37   | 20                                 | 6                                       | 10                                  |
| Female .. |   | 14  | 6                         | ..                           | ..   | 20     | ..   | 1                                  | ..                                      | ..                                  |
| 1943-44.  |   |   |                           |                              |  |        |  |                                    |   |                                     |
| Male ..   |   | 310   | 122                       | 16                           | 3  | 460    | 30   | 10                                 | 23                                      | 17                                  |
| Female .. |   | 18  | 14                        | ..                           | ..   | 32     | 3  | ..                                 | 2                                       | 1                                   |

| Sessions. | 1 | Left, died, etc., during the year.  |                                       |           |       |        | Remained at the end of the year. | Monthly average number of students. | Average daily attendance. |
|-----------|---|-------------------------------------|---------------------------------------|-----------|-------|--------|----------------------------------|-------------------------------------|---------------------------|
|           |   | Resisted or removed for misconduct. | Transferred to other Medical Schools. | Resigned. | Died. | Total. |                                  |                                     |                           |
|           |   | 11                                  | 12                                    | 13        | 14    | 15     | 16                               | 17                                  | 18                        |
| 1942-43.  |   |                                     |                                       |           |       |        |                                  |                                     |                           |
| Male ..   |   | 2                                   | ..                                    | 23        | 2     | 100    | 310                              | 330.6                               | 219.2                     |
| Female .. |   | ..                                  | ..                                    | 1         | ..    | 2      | 18                               | 10.1                                | 10.1                      |
| 1943-44.  |   |                                     |                                       |           |       |        |                                  |                                     |                           |
| Male ..   |   | 2                                   | 1                                     | 32        | 1     | 116    | 344                              | 372                                 | 235.0                     |
| Female .. |   | ..                                  | ..                                    | 3         | ..    | 9      | 23                               | 24                                  | 15.8                      |

TABLE B.

**Classification of students according to religion and nationality taught in and passed out during the year 1943-44 from the Dacca Medical School.**

| Classification.           | Total number of students taught during the year, i.e., the number remained from the previous year and the number admitted during the year. |         | Number passed out during the year in Final Licentiate Examination of the State Medical Faculty. |         |
|---------------------------|--|---------|---|---------|
|                           | Male.  | Female. | Male.   | Female. |
| 1                         | 2  | 3       | 4   | 5       |
| <i>Religion.</i>          |  |         |   |         |
| 1. Anglo-Indian .. ..     | ..   | ..      | ..  | ..      |
| 2. Indian Christian .. .. | ..   | 2       | ..  | ..      |
| 3. Brahmins .. ..         | 83   | 5       | 2   | 1       |
| 4. Non-Brahmins .. ..     | 270  | 18      | 22  | 2       |
| 5. Muhammadans .. ..      | 107  | 2       | 6   | ..      |
| 6. Buddhist .. ..         | ..   | 3       | ..  | ..      |
| Total ..                  | 460  | 32      | 30  | 3       |
| <i>Nationality.</i>       |  |         |   |         |
| 1. Anglo-Indian .. ..     | ..   | 2       | ..  | ..      |
| 2. Bengalee .. ..         | 448  | 25      | 30  | 3       |
| 3. Assamese .. ..         | 12   | 5(a)    | ..  | ..      |
| Total ..                  | 460  | 32      | 30  | 3       |

(a) Assamese.

TABLE C.

Classification according to preliminary general education of the students during the year 1943-44 and the previous year.

| Classification. | Hindus. |         | Muhammadans. |         | Christians. |         | Others. |         |
|-----------------|---------|---------|--------------|---------|-------------|---------|---------|---------|
|                 | Male.   | Female. | Male.        | Female. | Male.       | Female. | Male.   | Female. |
| 1               | 2       | 3       | 4            | 5       | 6           | 7       | 8       | 9       |
| B.A. or B.Sc.—  |         |         |              |         |             |         |         |         |
| 1942-43 ..      | 1       | ..      | ..           | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..      | ..      | ..      | ..           | ..      | ..          | ..      | ..      | ..      |
| I.A. or I.Sc.—  |         |         |              |         |             |         |         |         |
| 1942-43 ..      | 8       | ..      | 2            | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..      | 7       | ..      | 6            | ..      | ..          | ..      | ..      | ..      |
| Matriculate—    |         |         |              |         |             |         |         |         |
| 1942-43 ..      | 93      | 14      | 35           | 1       | ..          | 5       | ..      | ..      |
| 1943-44 ..      | 103     | 13      | 25           | 1       | ..          | ..      | ..      | ..      |
| Others—         |         |         |              |         |             |         |         |         |
| 1942-43 ..      | ..      | ..      | ..           | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..      | ..      | ..      | ..           | ..      | ..          | ..      | ..      | ..      |

TABLE D(a).

Statement showing the results of the Compoundership Examination held at the Dacca Medical School during the year 1943-44 and the previous year.

| Session.  | Remaining from the previous year. | Number admitted during the year. | Total number under training. | Number removed during the year. | Number of students who appeared at the examination. |            | Number of passed out. |            |
|-----------|-----------------------------------|----------------------------------|------------------------------|---------------------------------|---|------------|-----------------------|------------|
|           |                                   |                                  |                              |                                 | March.  | September. | March.                | September. |
| 1         | 2                                 | 3                                | 4                            | 5                               | 6   | 7          | 8                     | 9          |
| 1942-43.  |                                   |                                  |                              |                                 |   |            |                       |            |
| Male ..   | 128                               | 9                                | 137                          | 7                               | 13  | 36         | 9                     | 33         |
| Female .. | ..                                | ..                               | ..                           | ..                              | ..  | ..         | ..                    | ..         |
| 1943-44.  |                                   |                                  |                              |                                 |   |            |                       |            |
| Male ..   | 88                                | 4                                | 92                           | (a)59                           | Nil   | 22         | Nil                   | 21         |
| Female .. | ..                                | ..                               | ..                           | ..                              | ..  | ..         | ..                    | ..         |

(a) A large number of students who could take their chance but did not avail and were treated as on the roll have now been shown as having left the school or resigned.

TABLE D(b).

Statement showing the results of the State Medical Faculty of Bengal during the year 1943-44 and the previous year.

| Sessions. | Final Licentiate Examination. |                       |                  |                       |                       |                       |
|-----------|-------------------------------|-----------------------|------------------|-----------------------|-----------------------|-----------------------|
|           | Number appeared.              |                       | Number passed.   |                       | Percentage of passed. |                       |
|           | May examination.              | November examination. | May examination. | November examination. | May examination.      | November examination. |
| 1         | 2                             | 3                     | 4                | 5                     | 6                     | 7                     |
| 1942-43.  |                               |                       |                  |                       |                       |                       |
| Male ..   | 59                            | 54                    | 15               | 22                    | 25.42                 | 40.74                 |
| Female .. | 4                             | 1                     | Nil              | Nil                   | Nil                   | Nil                   |
| 1943-44.  |                               |                       |                  |                       |                       |                       |
| Male ..   | 93                            | 60                    | 20               | 10                    | 21.5                  | 16.6                  |
| Female .. | 5                             | 3                     | ..               | 3                     | Nil                   | 100                   |

  

| Sessions. | Intermediate examination. |                       |                  |                       |                       |                       |
|-----------|---------------------------|-----------------------|------------------|-----------------------|-----------------------|-----------------------|
|           | Number appeared.          |                       | Number passed.   |                       | Percentage of passed. |                       |
|           | May examination.          | November examination. | May examination. | November examination. | May examination.      | November examination. |
| 1         | 8                         | 9                     | 10               | 11                    | 12                    | 13                    |
| 1942-43.  |                           |                       |                  |                       |                       |                       |
| Male ..   | 64                        | 53                    | 27               | 27                    | 42.18                 | 50.94                 |
| Female .. | 4                         | 2                     | 4                | 1                     | 100                   | 50                    |
| 1943-44.  |                           |                       |                  |                       |                       |                       |
| Male ..   | 73                        | 51                    | 32               | 15                    | 43.8                  | 29.5                  |
| Female .. | 2                         | 1                     | ..               | 1                     | Nil                   | 100                   |

  

| Sessions. | Primary Examination. |                       |                  |                       |                       |                       |
|-----------|----------------------|-----------------------|------------------|-----------------------|-----------------------|-----------------------|
|           | Number appeared.     |                       | Number passed.   |                       | Percentage of passed. |                       |
|           | May examination.     | November examination. | May examination. | November examination. | May examination.      | November examination. |
| 1         | 14                   | 15                    | 16               | 17                    | 18                    | 19                    |
| 1942-43.  |                      |                       |                  |                       |                       |                       |
| Male ..   | 76                   | 6                     | 50               | 5                     | 65.70                 | 83                    |
| Female .. | 5                    | 1                     | 1                | 1                     | 20                    | 100                   |
| 1943-44.  |                      |                       |                  |                       |                       |                       |
| Male ..   | 93                   | 20                    | 52               | 9                     | 55                    | 45                    |
| Female .. | 10                   | 4                     | 5                | 4                     | 50                    | 100                   |

TABLE E.

Statement showing the income and expenditure of the Dacca Medical School during the year 1943-44 and the previous year.

| Heads of receipts.          | Income.     |            |            |           | Heads of expenditure.            | Expenditure. |             |           |            |
|-----------------------------|-------------|------------|------------|-----------|----------------------------------|--------------|-------------|-----------|------------|
|                             | 1942-43.    | 1943-44.   | Increase.  | Decrease. |                                  | 1942-43.     | 1943-44.    | Increase. | Decrease.  |
|                             | 2           | 3          | 4          | 5         |                                  | 7            | 8           | 9         | 10         |
| 1                           | Rs. a. p.   | Rs. a. p.  | Rs. a. p.  | Rs. a. p. | 6                                | Rs. a. p.    | Rs. a. p.   | Rs. a. p. | Rs. a. p.  |
| 1. School fees              | 31,965 12 0 | 37,038 5 0 | 5,072 9 0  | ..        | 1. Establishment                 | 51,752 9 0   | 44,585 13 0 | ..        | 7,166 12 0 |
| 2. Fines                    | 620 2 0     | 769 15 0   | 179 10 0   | ..        | 2. Scholarships                  | 11,913 9 0   | 12,197 0 0  | 283 7 0   | ..         |
| 3. Entrance fee             | 838 0 0     | 770 0 0    | ..         | 68 0 0    | 3. Scholarship from Mohsin Fund. | 832 0 0      | 800 0 0     | ..        | 32 0 0     |
| 4. Compounder class fee     | 363 0 0     | 117 0 0    | ..         | 246 0 0   | 4. Contingencies                 | 11,054 11 9  | 11,235 0 3  | 180 4 6   | ..         |
| 5. Miscellaneous            | 360 0 0     | 383 8 0    | 23 8 0     | ..        | 5. Book allowances               | 99 6 6       | 199 12 0    | 100 5 6   | ..         |
| 6. Mohsin Fund              | 832 0 0     | 800 0 0    | ..         | 32 0 0    | 6. Prizes                        | 208 4 0      | 211 8 0     | 3 4 0     | ..         |
| 7. Recovery of over payment | 346 2 0     | 2 11 0     | ..         | 343 7 0   | 7. Taxes                         | 2,359 8 0    | 2,359 8 0   | ..        | ..         |
| Total                       | 35,325 11 0 | 39,911 4 0 | 5,275 11 0 | 689 7 0   | 8. Medicines and instruments.    | 1,747 0 3    | 904 12 9    | ..        | 842 3 6    |
| Received from Government    | 41,040 5 0  | 32,582 2 0 | ..         | ..        | Total                            | 79,966 0 0   | 72,493 6 0  | 567 5 0   | 8,040 15 6 |
|                             | 79,966 0 0  | 72,493 6 0 | 5,275 11 0 | 689 7 0   |                                  |              |             |           |            |

W. J. VIRGIN, MAJOR, I.M.S.,  
Superintendent, Dacca Medical School.

# Annual Report of the Ronaldshay Medical School, Burdwan, for the year 1943-44.

## Building and Accommodation.

No new building was constructed in this institution during the year under report.

The following new works are urgently necessary and it is hoped funds will soon be allotted for the purpose:—

- (1) Electric installation in the existing hostel building.
- (2) Extension of the school for better accommodation of the Physiology and Pathology Departments.
- (3) Common room for students.
- (4) Compound wall of the Anatomy Department.
- (5) Extension of the Anatomical museum.
- (6) Construction of a Hygiene museum.
- (7) Construction of a Muslim Hostel.

## Teaching and Equipment.

**Chemistry and Physics.**—This department is well equipped. Lectures, demonstrations and tutorial classes were regularly held and special attention was given to the plucked students. The examination results in this subject were satisfactory.

**Anatomy.**—The Anatomy Department has one lecture gallery accommodating 120 students, one well-equipped museum and a nice dissection hall with embalming and maceration rooms. Fifty lectures and 150 demonstrations were delivered during the year. For dissection, 10 students were allotted to each cadaver and five cadavers were dissected by each team of students.

**Physiology.**—The Physiology Department has a spacious and well-equipped practical laboratory. There are 16 microscopes and one oil immersion lens. Five new diagrams were added to this department during the year under report.

The following clinical and biochemical works were done in the department during this year:—

|                                |     |              |           |
|--------------------------------|-----|--------------|-----------|
| (1) Gastric contents analysis  | ... | ...          | 3         |
| (2) Urine examination          | ... | ...          | 7         |
| (3) Urine for sugar estimation | ... | ...          | 11        |
| (4) Blood sugar                | ... | ...          | 1         |
| (5) Urine urea                 | ... | ...          | 1         |
|                                |     | <b>Total</b> | <b>23</b> |

**Materia Medica.**—The Materia Medica Department has a well-equipped museum. The drugs are systematically arranged in show cases to facilitate demonstration.

Forty lectures were delivered during the year. The students also attended 90 demonstrations in batches of 8 to 10.

**Surgery.**—The prescribed courses of lectures on Surgery and Operative Surgery were delivered by the teacher. The students attended all operations in batches. The senior students were given opportunities of helping the Surgeons in operation as well as in the administration of general anæsthetic. They were also given facilities of performing minor operations in presence of the Surgeons.

**Medicine.**—The prescribed course of lectures was delivered by the teacher. Clinical lectures and demonstrations were given in the wards by the Teacher of Medicine and the Honorary Visiting Physician. Instructions in case-taking and recording of case-notes were regularly given to the students. Performance of clinical laboratory work by the students was supervised by the Clinical Pathologist.

**Midwifery and Gynæcology.**—The usual lectures were delivered by the teacher. The students received clinical teaching in the maternity ward of the Burdwan Fraser Hospital. There were 152 labour cases which the students attended and out of these, 42 were instrumental deliveries. One hundred and fifteen gynæcological operations were performed in the wards in which the students were allowed to assist the teacher.

**Medical Jurisprudence.**—The teacher delivered the usual lectures. The senior students attended all medico-legal post mortem examinations and received practical demonstrations on the cases. Forty-three Police post mortems were done this year, which the students attended.

**Hygiene.**—The teacher delivered the usual lectures and conducted field demonstrations. The department is equipped with a set of diagrams and models. Some new models were added to this department during the year under report.

**Pathology.**—The usual lectures and demonstrations were regularly held. Students examined clinical specimens in the Pathological Laboratory of the hospital. They were also given demonstrations on museum specimens.

Much difficulty is being experienced for want of a refrigerator, administrative sanction for which has already been obtained. It is hoped funds will soon be allotted. The department is equipped with 17 microscopes.

A detailed description of the work done in the department during the year is given below:—

**Blood—**

|                  |     |     |     |    |
|------------------|-----|-----|-----|----|
| Malaria Parasite | ... | ... | ... | 6  |
| Total Count      | ... | ... | ... | 1  |
| Diff Count       | ... | ... | ... | 4  |
| Culture          | ... | ... | ... | 8  |
| S. G. Test       | ... | ... | ... | 16 |
| Widal            | ... | ... | ... | 27 |

**Stool—**

|                           |     |     |     |    |
|---------------------------|-----|-----|-----|----|
| Microscopical examination | ... | ... | ... | 6  |
| Culture                   | ... | ... | ... | 60 |

**Urine—**

|                           |     |     |     |    |
|---------------------------|-----|-----|-----|----|
| Microscopical examination | ... | ... | ... | 4  |
| Culture                   | ... | ... | ... | 54 |

**Sputum—**

|                           |     |     |     |    |
|---------------------------|-----|-----|-----|----|
| Microscopical examination | ... | ... | ... | 4  |
| Culture                   | ... | ... | ... | 3  |
| Auto-Vaccine              | ... | ... | ... | 25 |
| Smear                     | ... | ... | ... | 1  |

**Pleural fluid—**

|                           |     |     |     |   |
|---------------------------|-----|-----|-----|---|
| Microscopical examination | ... | ... | ... | 1 |
| Culture                   | ... | ... | ... | 2 |

**C. S. Fluid—**

|                           |     |     |     |    |
|---------------------------|-----|-----|-----|----|
| Microscopical examination | ... | ... | ... | 13 |
| Culture                   | ... | ... | ... | 20 |

**Swab—**

|                           |     |     |     |   |
|---------------------------|-----|-----|-----|---|
| Microscopical examination | ... | ... | ... | 2 |
| Culture                   | ... | ... | ... | 2 |

**Microsection and tissue**

|     |     |     |     |    |
|-----|-----|-----|-----|----|
| ... | ... | ... | ... | 20 |
|-----|-----|-----|-----|----|

**Pus—**

|                         |     |     |     |    |
|-------------------------|-----|-----|-----|----|
| Microscopic examination | ... | ... | ... | 1  |
| Culture                 | ... | ... | ... | 16 |

**Compounders' and dressers' classes.**—The usual lectures, demonstrations and practical classes were regularly held. Twelve students were admitted into the Compounders' class all of whom joined the Dressers' class as well.

**Hostel.**—There is a big hostel attached to this school accommodating 100 boarders in separate cubicles. Electric installation in the hostel is a pressing need and it is hoped funds will soon be allotted for this purpose.

**Library.**—The total number of books in the library is 531. The students are allowed to read books in the library and those depositing a caution fee of Rs. 10 are allowed to borrow them for 15 days at a time.

**Athletic club.**—A spacious football ground and also tennis, badminton and lawn tennis courts are maintained by the Athletic club of the school. The students took part in the following games:—

*Outdoor.*—Football, hockey, cricket, tennis, badminton, volley ball, gymnastics.

*Indoor.*—Carrom and ping pong.

**Change in establishment.**—Dr. Subodh Chandra Gupta, M.B., was appointed as Teacher of Surgery of this school with effect from the 9th October 1943.

Dr. Ali Ahmed, M.B., was appointed as Teacher of Medicine of this school with effect from the 31st January 1944, *vice* Dr. P. B. Bhattacharjee transferred to Campbell Medical School.

Dr. J. K. Chakravorty was appointed as Teacher of Anatomy of this school with effect from the 26th July 1943, *vice* Dr. P. K. Bhattacharjee transferred to Chittagong Medical School.



### Staff of the School.

1. Dr. J. P. Dutt, M.B., M.R.C.O.G., Superintendent (part-time).
2. Dr. S. P. Goswami, M.B., Deputy Superintendent (whole-time).
3. Dr. S. Bhattacharjee, M.Sc., M.B., Teacher of Pathology (whole-time).
4. Dr. Ali Ahmed, M.B., Teacher of Medicine (whole-time).
5. Dr. A. C. Bhowmic, M.B., Teacher of Midwifery (whole-time).
6. Dr. S. C. Gupta, M.B., Teacher of Surgery (whole-time).
7. Dr. J. K. Chakravorty, Teacher of Anatomy (whole-time).
8. Dr. T. D. Mukherjee, M.B., D.P.H., Teacher of Hygiene (part-time).
9. Dr. S. N. Bhattacharjee, B.Sc., M.B., Teacher of Materia Medica (part-time).
10. Mr. B. N. Sen, M.Sc., Teacher of Chemistry and Physics (part-time).
11. Dr. B. B. Banerjee, Demonstrator of Materia Medica (whole-time).
12. Dr. A. P. Banerjee, Demonstrator of Chemistry and Physics (whole-time).
13. Dr. S. C. Nandy, Demonstrator of Anatomy (whole-time).
14. Dr. B. C. Choudhury, Demonstrator of Physiology (whole-time).
15. Dr. K. D. Sarkar, Demonstrator of Pathology (whole-time).
16. Dr. S. K. Chakravorty, Demonstrator of Anatomy (whole-time).

### Staff of the Hospital.

1. Dr. J. P. Dutt, M.B., M.R.C.O.G., Superintendent (part-time).
2. Dr. S. C. Gupta, M.B., Officer-in-charge, Surgical Ward (whole-time).
3. Dr. A. C. Bhowmic, Maternity and Gynaecological Ward (whole-time).
4. Dr. A. Ahmed, M.B., Officer-in-charge, Medical Ward (whole-time).
5. Dr. S. K. Roy, M.B., Deputy Superintendent (whole-time).
6. Dr. S. N. Bhattacharjee, B.Sc., M.B., Honorary Physician (part-time).
7. Dr. N. Samanta, M.B., Honorary Visiting Physician (part-time).
8. Dr. S. Bhattacharjee, Pathologist (part-time).
9. Dr. K. D. Sarker, Pathologist (Indoor) (whole-time).
10. Dr. B. N. Sengupta, Assistant Pathologist (part-time).
11. Dr. B. B. Banerjee, Radiologist (whole-time).
12. Miss M. Singh, Lady Doctor (whole-time).
13. Dr. B. Bhattacharjee, Registrar (whole-time).
14. Dr. J. K. Chakravorty, Officer-in-charge, Venereal Section (whole-time).
15. Dr. J. Chakravorty, M.B., Eye Specialist (part-time).
16. Dr. C. S. Chatterjee, L.M.P., Dentist (part-time).

**Students.**—The conduct and attendance of students were satisfactory. The details of the attendance of students are given in Table A and the results of the State Medical Faculty examinations are shown in Table D(b). One hundred and seventy-four applications for admission were received and 50 students were admitted into the first year class.

- (1) Sex of students—Male and female.
- (2) Number on the roll in July 1943—220.
- (3) Maximum number of new admission—50.
- (4) Age limit, high and low, for students on admission—Must be over 15 years of age.
- (5) Standard of general education for admission—Matriculation or its equivalent, is the minimum standard.

### Examination.

1. Names of examiners at each of the examination—vide Appendix A.
2. By whom appointed and for how long at a time—vide Appendix A.
3. Percentage of marks required at each examination to obtain a pass.—40 per cent.
4. Proportion of students who take all subjects at the final examination.—80 per cent.

### Financial.

1. The total receipt of the school other than from Government was Rs. 24,645 and the total expenditure Rs. 59,819 as against Rs. 25,550 and Rs. 60,606, respectively, of the previous year. The detail of receipt and expenditure for the last two years are given in Table E.

The average primary cost to Government per student per annum was Rs. 200 as against Rs. 192 of previous year.

2. Percentage of students paid for by—
  - (a) Government—25 per cent.
  - (b) Local Bodies—4 per cent.
  - (c) Privately by guardians—71 per cent.

### Hospital.

1. Total number of beds in the hospital—155.
2. Average daily number of in-patients—103.
3. Average daily number of out-patients—105.
4. Total number of operations—
  - (a) Surgical—2,043.
  - (b) Gynæcological—115.

**Equipment.**

Number of microscopes allotted for the personal use of students in teaching:—

- (a) Pathology—17.
- (b) Physiology—16.

**General notes.**

The following Burdwan Raj lectures were delivered in this institution during the year under report:—

- (1) Dr. J. Low, M.B., Ch.B.—Inanition resulting from starvation—21st November 1944.
- (2) Captain K. L. Sen, M.B.—Common eye diseases in Bengal—22nd January 1944.
- (3) Dr. K. C. Chakravorty, M.B.—Infantile Cirrhosis—24th January 1944.
- (4) Dr. J. C. Banerjee, M.B.—Enteric group of fevers—18th February 1944.
- (5) Dr. C. R. Das Gupta, M.B.—Anæmia in pregnancy—21st February 1944.

The staff carried out their work efficiently and satisfactorily and I received every help and co-operation from the members of the teaching and the clerical staff in running the institution.

J. P. DUTT,

*Superintendent, Ronaldshay Medical School.*

BURDWAN,  
*The 8th November 1944.*

TABLE A.

Statement showing the attendance of the students of the Ronaldshay Medical School, Burdwan, during the year 1943-44.

| Session. | Left, died, etc., during the year. |  |                           |                              |   |        |  |                                    |                                  |  | Remarks.                              |                                    |                             |       |        |                                  |                                   |                           |    |
|----------|------------------------------------|--|---------------------------|------------------------------|---|--------|--|------------------------------------|----------------------------------|--|---------------------------------------|------------------------------------|-----------------------------|-------|--------|----------------------------------|-----------------------------------|---------------------------|----|
|          | 1                                  | 2  | 3                         | 4                            | 5   | 6      | 7  | 8                                  | 9                                | 10   | 11                                    | 12                                 | 13                          | 14    | 15     | 16                               | 17                                | 18                        | 19 |
|          |                                    | Remained on the roll from the previous year. | Admitted during the year. | Re-admitted during the year. | Admitted on transfer from other Medical school. | Total. | Left the school after having passed the final examination. | Removed for absence without leave. | Removed for non-payment of fees. | Removed for failure in the test examination. | Resiliated or removed for misconduct. | Transfer to other medical schools. | Resigned or left otherwise. | Died. | Total. | Remained at the end of the year. | Average monthly number of pupils. | Average daily attendance. |    |
| 1942-43  | ..                                 | 164  | 49                        | 7                            | ..  | 220    | 25   | ..                                 | 2                                | 4  | ..                                    | ..                                 | 26                          | ..    | 57     | 163                              | 185                               | 175                       | .. |
| 1943-44  | ..                                 | 163  | 52                        | 5                            | ..  | 220    | 20   | ..                                 | 4                                | 7  | ..                                    | ..                                 | 5                           | ..    | ..     | 181                              | 194                               | 181                       | .. |

TABLE B.

Classification of students according to religion and nationality, taught and passed out during the year 1943-44 from the Ronaldshay Medical School Burdwan.

| Classification.<br><br>1 | Total number of students taught during the year and the number remaining from the previous year and the number admitted during the year. |              | Number passed out during the year in the Final examination as L. M. F. or final Licentiate examination of the State Medical Faculty of Bengal. |              |
|--------------------------|--|--------------|--|--------------|
|                          | Male.<br>2   | Female.<br>3 | Male.<br>4   | Female.<br>5 |
| <i>Religion.</i>         |  |              |  |              |
| 1. Hindu—                |  |              |  |              |
| (a) Brahmin ..           | 80   | ..           | 6  | ..           |
| (b) Non-Brahmin ..       | 112  | ..           | 14   | ..           |
| 2. Muslim ..             | 27   | ..           | ..   | ..           |
| 3. Christian ..          | ..   | 1            | ..   | ..           |
| Total ..                 | 219  | 1            | 20   | ..           |
| <i>Nationality.</i>      |  |              |  |              |
| Bengalees ..             | 217  | 1            | 20   | ..           |
| Non-Bengalees ..         | 2  | ..           | ..   | ..           |

TABLE C.

Classification according to preliminary general education of the students admitted during the year 1943-44 and the previous year in the Ronaldshay Medical School, Burdwan.

| Classifications.                         | Hindus. |         | Muslims. |         | Christians. |         | Others. |         |
|--|---------|---------|----------|---------|-------------|---------|---------|---------|
|  | Male.   | Female. | Male.    | Female. | Male.       | Female. | Male.   | Female. |
| 1  | 2       | 3       | 4        | 5       | 6           | 7       | 8       | 9       |
| B. A. or B. Sc.—                         |         |         |          |         |             |         |         |         |
| 1942-43 ..                               | 1       | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..                               | Nil     | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| I. A. or I. Sc.—                         |         |         |          |         |             |         |         |         |
| 1942-43 ..                               | 8       | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..                               | 11      | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| Matric or other equivalent examinations— |         |         |          |         |             |         |         |         |
| 1942-43 ..                               | 30      | ..      | 10       | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..                               | 34      | ..      | 7        | ..      | ..          | ..      | ..      | ..      |

TABLE D(a).

Statement showing the results of Compoundership Examinations held at the State Medical Faculty, Bengal, during the year 1943-44 from the Ronaldshay Medical School, Burdwan.

| Sessions.           |    | Re-<br>main-<br>ing.<br>from<br>the<br>pre-<br>vious<br>year. | Number<br>of stu-<br>dents<br>admit-<br>ted du-<br>ring the<br>year. | Total<br>num-<br>ber of<br>stu-<br>dents<br>under<br>train-<br>ing. | Num-<br>ber of<br>stu-<br>dents<br>remo-<br>ved. | Number of stu-<br>dents appeared<br>at the examina-<br>tions. |        | Number<br>passed. |        |
|---------------------|----|---|--|---|--|---|--------|-------------------|--------|
|                     |    |   |  |   |  | Septem-<br>ber.   | March. | Septem-<br>ber.   | March. |
| 1                   |    | 2   | 3  | 4   | 5  | 6   | 7      | 8                 | 9      |
| 1942-43.            |    |   |  |   |  |   |        |                   |        |
| Regular students .. | .. | ..  | ..   | 45  | 1  | 20  | 6      | 16                | 4      |
| Outside students .. | .. | 26  | ..   | ..  | ..   | ..  | ..     | ..                | ..     |
| 1943-44.            |    |   |  |   |  |   |        |                   |        |
| Regular students .. | .. | 12  | ..   | 37  | ..   | 20  | 5      | 15                | 4      |
| Outside students .. | .. | 25  | ..   | ..  | ..   | ..  | ..     | ..                | ..     |

TABLE D(b).

Statement showing the results of the examinations of the State Medical Faculty of Bengal, during the year 1943-44 and the previous year of the Ronaldshay Medical School, Burdwan.

| Session. | Final Examination. |                      |                    |                      | Intermediate Examination. |                      |                    |                      | Primary Examination. |                      |                        |                      |                    |                      |                    |                      |                        |                      |
|----------|--------------------|----------------------|--------------------|----------------------|---------------------------|----------------------|--------------------|----------------------|----------------------|----------------------|------------------------|----------------------|--------------------|----------------------|--------------------|----------------------|------------------------|----------------------|
|          | Number appeared.   |                      | Number passed.     |                      | Percentage of success.    |                      | Number appeared.   |                      | Number passed.       |                      | Percentage of success. |                      | Number appeared.   |                      | Number passed.     |                      | Percentage of success. |                      |
|          | April Examination. | October Examination. | April Examination. | October Examination. | April Examination.        | October Examination. | April Examination. | October Examination. | April Examination.   | October Examination. | April Examination.     | October Examination. | April Examination. | October Examination. | April Examination. | October Examination. | April Examination.     | October Examination. |
| 1        | 2                  | 3                    | 4                  | 5                    | 6                         | 7                    | 8                  | 9                    | 10                   | 11                   | 12                     | 13                   | 14                 | 15                   | 16                 | 17                   | 18                     | 19                   |
|          | April Examination. | October Examination. | April Examination. | October Examination. | April Examination.        | October Examination. | April Examination. | October Examination. | April Examination.   | October Examination. | April Examination.     | October Examination. | April Examination. | October Examination. | April Examination. | October Examination. | April Examination.     | October Examination. |
| 1942-43  | 32                 | 25                   | 17                 | 8                    | 53.1                      | 32                   | 59                 | 32                   | 16                   | 15                   | 30.2                   | 46.9                 | 41                 | 14                   | 30                 | 10                   | 73.1                   | 71.4                 |
| 1943-44  | 49                 | 25 <sup>a</sup>      | 11                 | 9                    | 22.45                     | 36                   | 42                 | 33                   | 16                   | 10                   | 38.09                  | 30.33                | 42                 | 11                   | 29                 | 8                    | 69                     | 72.7                 |

TABLE

## Statement showing the income and expenditure of the Ronaldshay Medical

| Heads of receipts.                           | Income.  |          |           |           |
|--|----------|----------|-----------|-----------|
|  | 1942-43. | 1943-44. | Increase. | Decrease. |
| 1  | 2        | 3        | 4         | 5         |
|  |          | Rs.      |           | Rs.       |
| 1. School fees ..                            | 19,432   | 18,838   | ..        | (a) 594   |
| 2. Fines ..                                  | 341      | 369      | 28        | ..        |
| 3. Hostel rent ..                            | 4,028    | 3,620    | ..        | (b) 408   |
| 4. Re-admission fee ..                       | 30       | 26       | ..        | 4         |
| 5. Tuition fee from compounder and dressers. | 342      | 302      | 50        | ..        |
| 6. Admission fee ..                          | 321      | 290      | ..        | 21        |
| 7. Mohsin Fund ..                            | 800      | 880      | 80        | ..        |
| 8. Miscellaneous ..                          | 256      | 230      | ..        | 26        |
| Total ..                                     | 25,550   | 24,645   | 158       | 1,063     |
| Receipt from Government.                     | 35,054   | 35,174   | 120       | 785       |

(a) Due to fall in the number of students on the roll.

(b) Due to fall in the number of boarders in the hostel.



E.

**School, Burdwan, during the year 1943-44 and previous year.**

| Heads of expenditure.<br>6          | Expenditure.  |               |                |                 |
|-------------------------------------|---------------|---------------|----------------|-----------------|
|                                     | 1942-43.<br>7 | 1943-44.<br>8 | Increase.<br>9 | Decrease.<br>10 |
|                                     | Rs.           |               | Rs.            |                 |
| 1. Establishment ..                 | 42,816        | 42,937        | 121            | ..              |
| 2. Travelling allowance.            | 1,770         | 955           | ..             | 815             |
| 3. Scholarship ..                   | 5,891         | 5,315         | (c) 576        | ..              |
| 4. Mohsin stipend contract.         | 800           | 880           | 80             | ..              |
| 5. Contingencies ..                 | 3,400         | 3,801         | (d) 401        | ..              |
| 6. Books ..                         | 150           | 200           | 50             | ..              |
| 7. Medals and prizes                | 170           | 205           | 35             | ..              |
| 8. Rent, rates and taxes.           | 2,430         | 2,430         | ..             | ..              |
| 9. Medical and Surgical requisites. | 1,500         | 1,250         | ..             | 250             |
| 10. Stationery and Form             | 147           | 160           | 13             | ..              |
| 11. Other contingencies             | 1,530         | 1,686         | (e) 156        | ..              |
| Total ..                            | 60,604        | 59,819        | 1,352          | 1,065           |

(c) Due to increase in the number of scholarship holders.

(d) Due to increase in the prices of articles.

(e) Due to purchases of Diagrams.

J. P. DUTT,

*Superintendent, Ronaldshay Medical School.*

BURDWAN;

*The 8th November 1944.*

# Annual Report of the Lytton Medical School, Mymensingh, for the year 1943-44.

## I—Buildings and Accommodations.

The following additional constructions of the school buildings had been taken up by the Communications and Works Department. It was expected that the construction work would be completed by February 1942, but due to war emergency, the work has since been postponed and condition of the buildings is in the same state as it was last year:—

- (1) A second lecture theatre.
- (2) Anatomical museum.
- (3) Anatomy demonstration room.
- (4) Pathology museum.
- (5) Cooling room for dead bodies.
- (6) Materia Medica demonstration room.
- (7) Teachers' common room.
- (8) Reading room.

## II—Teaching Equipment.

**(A) Chemistry and Physics.**—These subjects were taught in the local Ananda Mohan College according to the syllabus.

**(B) Anatomy.**—The required number of lectures and demonstrations were given and tutorial classes were taken. Sufficient dead bodies were available from the S. K. Hospital for dissection and demonstration and we could afford to give one body to ten students. Government has been approached for sanction of funds for the construction of a mortuary. Sufficient number of preserved specimens were added to the museum and some more wall diagrams were secured.

**(C) Physiology.**—The adequate number of lectures and demonstrations were given. There are 14 microscopes available for the use of the students. Proper arrangements have been made for display of diagrams to the students. Demonstration rooms are being constructed.

A separate Bio-chemical Laboratory has been started to give the students better facilities to learn practical portion of Bio-chemistry and to examine clinical materials from the hospital.

The following Bio-chemical examinations were done during the year under report for the patients in the S. K. Hospital:—

|                                |     |     |    |
|--------------------------------|-----|-----|----|
| (1) Blood sugar estimation     | ... | ... | 42 |
| (2) Gastic test meals analysis | ... | ... | 38 |

**(D) Pathology.**—The Department did all the clinical works of the S. K. Hospital and total of 3,399 laboratory examinations compared to 3,983 in 1942-43 were done during the year and shown to the students.

The prescribed number of lectures and demonstrations were given. Ten pathological post mortems were shown to the students.

The following clinical specimens were examined during the year under report:—

Blood—

|                             |     |     |     |     |
|-----------------------------|-----|-----|-----|-----|
| Culture                     | ... | ... | ... | 15  |
| Count                       | ... | ... | ... | 800 |
| Sugar estimation            | ... | ... | ... | 25  |
| Widal test                  | ... | ... | ... | 85  |
| Wassermann Reaction         | ... | ... | ... | Nil |
| Kahn test                   | ... | ... | ... | 60  |
| Aldehyde and Antimony test  | ... | ... | ... | 120 |
| Blood grouping and matching | ... | ... | ... | 300 |

Stool—

|                      |     |     |     |     |
|----------------------|-----|-----|-----|-----|
| Ordinary examination | ... | ... | ... | 325 |
| Culture              | ... | ... | ... | 40  |
| Bio-chemical test    | ... | ... | ... | 10  |

Urine—

|          |     |     |     |       |
|----------|-----|-----|-----|-------|
| Ordinary | ... | ... | ... | 1,200 |
| Culture  | ... | ... | ... | 40    |

Sputum—

|                         |     |     |     |      |
|-------------------------|-----|-----|-----|------|
| Ordinary                | ... | ... | ... | 130  |
| Culture                 | ... | ... | ... | 40   |
| Cerebro-spinal fluid    | ... | ... | ... | } 25 |
| Count, Culture and Kahn | ... | ... | ... |      |

|   |     |     |     |    |
|---|-----|-----|-----|----|
| Serous Fluid                            | ... | ... | ... | 15 |
| Pus culture and microscopic examination | ... | ... | ... | 35 |

|              |     |     |     |    |
|--------------|-----|-----|-----|----|
| Auto-vaccine | ... | ... | ... | 31 |
|--------------|-----|-----|-----|----|

|                     |     |     |     |    |
|---------------------|-----|-----|-----|----|
| Throat swab—Culture | ... | ... | ... | 25 |
|---------------------|-----|-----|-----|----|

Vaginal swab—

|                                     |     |     |     |    |
|-------------------------------------|-----|-----|-----|----|
| Culture and microscopic examination | ... | ... | ... | 16 |
|-------------------------------------|-----|-----|-----|----|

Prostatic and urethral smear—

|                         |     |     |     |    |
|-------------------------|-----|-----|-----|----|
| Microscopic examination | ... | ... | ... | 18 |
|-------------------------|-----|-----|-----|----|

Skin lesions—

|                         |     |     |     |    |
|-------------------------|-----|-----|-----|----|
| Microscopic examination | ... | ... | ... | 12 |
|-------------------------|-----|-----|-----|----|

|                |     |     |     |    |
|----------------|-----|-----|-----|----|
| Micro-sections | ... | ... | ... | 32 |
|----------------|-----|-----|-----|----|

|       |     |     |     |              |
|-------|-----|-----|-----|--------------|
| Total | ... | ... | ... | <u>3,399</u> |
|-------|-----|-----|-----|--------------|

The students were given full course of lectures and demonstrations. Tutorial classes were held for the final L.M.F. candidates during the sessions. Some more pathological specimens were added to the museum. Some more diagrams were prepared for the purpose of teaching. There are 14 microscopes for use of the students in this department. Of these 6 have 1/12 oil immersion objectives.

**(E) Materia Medica.**—This subject was taught by a separate part-time teacher. He delivered the required number of lectures. More specimens of drugs were obtained for the practical pharmacy class during the year. Lectures and demonstrations as prescribed in the syllabus were held.

**(F) Medicine.**—The Teacher of Medicine delivered required number of lectures. In addition to the theoretical course of lectures, the third and fourth year students received clinical teaching at the S. K. Hospital. All interesting cases were demonstrated by the teacher and clinical materials examined and shown to the students in the hospital laboratory. Lectures on leprosy were given by an officer deputed by the British Empire Leprosy Association. Pathological post mortems were done in a large number of cases of the hospital when no relative or friends claimed the dead bodies. These post mortems were shown to the students in collaboration with the Teacher of Pathology.

**(G) Surgery.**—In addition to the prescribed number of lectures, the senior students received clinical instructions in the wards and were allowed to help the Surgeon at the operation. Students were instructed in the special subjects, such as Ophthalmology, Ear, Nose and Throat. There is a special ward in the indoor hospital for ophthalmic cases. The students are shown cases in diseases of ear, nose and throat in a special section of the Out-patients' Department. There is a separate ward for ophthalmic cases. X-ray diagrams were shown to the students and demonstrations given on pathological specimens of surgical interest. A few dead bodies were used for operative surgery.

**(H) Midwifery and Gynæcology.**—Prescribed number of lectures were given by the teacher. There was enough clinical materials in the hospital for efficient teaching of these subjects.

An ante-natal clinic was established in the S. K. Hospital and the students were given instructions in this. The number of confinement cases were:—

|         |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|
| 1941-42 | ... | ... | ... | ... | 230 |
| 1942-43 | ... | ... | ... | ... | 244 |
| 1943-44 | ... | ... | ... | ... | 201 |

**(I) Medical Jurisprudence and Hygiene.**—The third and fourth year students attended medico-legal post mortems. One hundred and thirty-two medico-legal post mortems were done during the year and were shown to the students. The required number of lectures were delivered in Medical Jurisprudence. The required number of lectures in hygiene were given. There were five practical demonstration classes in rural hygiene as required by new syllabus of the Faculty. The students were taken to the trenching ground, waterworks and septic tanks and to outside places for training in village sanitation and practical instructions.

**(J) Tutorial classes.**—Tutorial classes in all subjects were held throughout the year in the school and in the hospital.

**(K) Compounders' and Dressers' classes.**—The usual lectures and demonstrations and practical classes were held by the Teacher of Compounder class. The students were admitted into the Compounders' class during the year, of which two were admitted in the Dressers' class as well.

### III—Conduct and attendance of students.

The conduct and attendance of students was satisfactory. The detail of attendance of students are given in Table A.

#### IV—Examination.

The results of the examinations were satisfactory both for the L.M.F. and the Compounders' Course. Statement is attached in Table D(a) and Table D(b).

#### V—Finance.

Details are furnished in Table E. Average primary cost per student was Rs. 242 as against Rs. 226 last year.

The receipts of the schools from other sources than Government was Rs. 23,384 as against Rs. 19,441 last year and the total expenditure was Rs. 57,955 as against Rs. 49,659 last year.

#### VI—Changes in the establishment.

Dr. Prafulla Ranjan Das Gupta, M.B., was the Superintendent from 1st July 1943 to 29th February 1944.

Dr. Munindra Priya Talukdar, M.B., was the Superintendent from 1st March 1944 to 16th May 1944.

Major J. H. Caverhill, I.M.S., was the Superintendent from 17th May 1944 to 30th June 1944.

Dr. Sudhendu Kumar Ganguli, M.B., was the Deputy Superintendent and Teacher of Physiology from 1st July 1943 to 26th January 1944.

Dr. Munindra Priya Talukdar, M.B., was the Deputy Superintendent and Teacher of Physiology from 27th January 1944 to 30th June 1944.

Dr. Satish Chandra Mukherjee, M.B., was the Teacher of Midwifery from 1st July 1943 to 18th November 1943.

Dr. Md. Khabir, M.B., was the Teacher of Midwifery from 19th November 1943 to 29th November 1943.

Dr. Radha Raman Roy, M.B., was the Teacher of Midwifery from 30th November 1943 to 30th June 1944.

Dr. Satish Chandra Mukherjee, M.B., was the Teacher of Medical Jurisprudence from 1st July 1943 to 9th November 1943.

Dr. Abdul Latif, M.B., was the Teacher of Medical Jurisprudence from 10th November 1943 to 30th June 1944.

Dr. Sudhendu Kumar Ganguli, M.B., was the Teacher of Pathology from 1st July 1943 to 26th February 1944.

Dr. Khagendra Nath Bose, Assistant Surgeon, was the Teacher of Pathology from 27th February 1944 to 30th June 1944.

#### VII—Staff of the School.

##### Superintendents—

Dr. Prafulla Ranjan Das Gupta, M.B., from 1st July 1943 to 29th February 1944.

Dr. Munindra Priya Talukdar, M.B., from 27th February 1944 to 16th May 1944.

Major J. H. Caverhill, I.M.S., from 17th May 1944 to 30th June 1944.

**Deputy Superintendents—**

Dr. Sudhendu Kumar Ganguli, M.B., from 1st July 1943 to 26th January 1944.

Dr. Munindra Priya Talukdar from 27th January 1944 to 30th June 1944.

**Teachers—**

Dr. Radha Raman Roy, M.B., Teacher of Midwifery (whole-time).

Dr. Munindra Priya Talukdar, M.B., Teacher of Physiology and Deputy Superintendent (whole-time).

Dr. Md. Khabir, M.B., Teacher of Surgery (whole-time).

Dr. Amalananda Das, M.B., M.R.C.P. (Lond.), Teacher of Medicine (whole-time).

Dr. Abdul Latif, M.B., Teacher of Medical Jurisprudence (whole-time).

Dr. Khagendra Nath Bose, Assistant Surgeon, Teacher of Pathology (whole-time).

Dr. Prafulla Kumar Das Gupta, M.B., Teacher of Hygiene (part-time).

Dr. Paresh Chandra Roy, M.B., Teacher of Materia Medica (part-time).

Dr. Dharani Mohan Chanda, L.M.P., Teacher of Anatomy (whole-time).

**Demonstrators (Sub-Assistant Surgeon)—**

Dr. Harshanath Bhattacharjee, L.M.P., Teacher of Compounders' Class and Demonstrator of Materia Medica (whole-time).

Dr. Madhusudan Roy Choudhury, L.M.P., Demonstrator of Pathology (whole-time).

Dr. Digendra Chandra De Sarker, L.M.P., Demonstrator of Physiology (whole-time).

Dr. Mir Muazzam Ali, L.M.F., Temporary Sub-Assistant Surgeon, Demonstrator of Anatomy (whole-time).

Dr. Sukhendra Kumar Chakravorty, L.M.F., Temporary Sub-Assistant Surgeon, Demonstrator of Anatomy.

**VIII—Hostel.**

There is no attached hostel. Students live in rented houses and make their own arrangement for boarding and lodging.

**IX—Athletic Club.**

The students played football, cricket, hockey, volley ball, tennis and badminton and practised rowing and barbells.

**X—Library.**

The total number of books in the library at present is 307. It is well equipped with text books and reference books. Five books were purchased at a cost of Rs. 64 during the year.

The following journals were subscribed:—

(1) Indian Medical Gazette.

(2) Journal of Obstetrics and Gynæcology of the British Empire.

### XI—Students.

1. Sex of students—4 females and the rest males.
2. Annual admission—average maximum number fifty.
3. Age of students on admission—all over fifteen years.
4. Standard of general education for admission—Matriculation examination.

### XII—Hospital.

The Suryya Kanta Hospital, Mymensingh, is the teaching hospital to the Lytton Medical School, Mymensingh, and is also a training institution for nurses for junior certificates.

Staff of the hospital during the year under report:—

#### I. Surgeon Superintendent—

Dr. P. R. Das Gupta, M.B., B.M.S., Civil Surgeon, from 1st July 1943 to 29th February 1944.

Dr. Munindra Priya Talukdar, M.B., B.M.S., from 1st March 1944 to 16th May 1944.

Major J. H. Caverhill, I.M.S., from 17th May 1944 to 30th June 1944.

#### II. Government Assistant Surgeon in charge—

Dr. Satish Chandra Mukherjee, M.B., B.M.S., from 1st July 1943 to 9th November 1943.

Dr. Abdul Latif, M.B., B.M.S., from 10th November 1943 to 30th June 1944.

#### III. Government Assistant Surgeons—

Dr. S. C. Mukherjee, M.B., B.M.S., from 1st July 1943 to 18th November 1943.

Dr. Radha Raman Roy, M.B., B.M.S., from 30th November 1943 to 30th June 1944.

Dr. Md. Khabir, M.B., B.M.S., from 1st July 1943 to 30th June 1944.

Dr. A. Das, M.B., M.R.C.P. (Lond.), from 1st July 1943 to 30th June 1944.

#### IV. Government Sub-Assistant Surgeons—

Dr. N. C. Chakravorty, L.M.P., from 1st July 1943 to 30th June 1944.

Dr. M. S. Roy Choudhury, L.M.P., Demonstrator of Pathology, in charge of clinical laboratory of this hospital.

#### Lady Doctor—

Dr. Miss R. Thapa, L.M.F., in charge of Female Out-patients' Department.

#### V. Medical Officers (Honorary)—

##### Eye Department—

Dr. A. Talukdar, L.M.F. (Special training, Medical College).

Dr. H. N. Chakravorty, L.M.F. (Special training, Carmichael Medical College).

##### E. N. T. Department—

Dr. P. C. Mazumder, M.B.

**Dental Department—**

Dr. N. K. Ghosh.

Dr. B. Sen Gupta (Diploma from Bombay).

**Gynæcological Department—**

Dr. M. N. Roy, L.M.F. (Dublin).

**Out-patients' Department—**

Dr. S. Patranobis, L.M.F. (Surgical).

Dr. D. C. Roy, L.M.F. (Medical).

Dr. B. Basak, L.M.F. (Medical).

**Medical Ward and Isolation Ward—**

Dr. P. C. Roy, M.B.

**Laboratory—**

Dr. A. Nandy, L.M.F., D.T.M.

**VI. House Officers—***(a) Paid—*

Medical Ward—Dr. A. Bagchi, L.M.F.

Surgical Ward—Dr. S. C. Chakravorty, L.M.F.

Gynæcological Ward—Dr. N. C. Choudhury, L.M.F.

Registrar—Dr. R. Saha Roy, L.M.F.

*(b) Honorary—*

Dr. U. C. Saha, L.M.F.—Attached to the Teacher of Midwifery.

Dr. J. K. Saha Choudhury, L.M.F.—Attached to the Teacher of Surgery.

Dr. H. C. Mazumder, L.M.F.—Attached to the Teacher of Medicine.

**VII. Nursing staff—**

Matron—Sister N. Joseph.

Staff nurses—3.

Pupil nurses (female)—6.

Pupil nurses (male)—1.

**VIII. No improvement was done during the year.****IX. Income—Rs. 70,634.**

Expenditure—Rs. 57,187.

P. R. DAS GUPTA,

*Superintendent, Lytton Medical School, Mymensingh.*



TABLE A.

Statement showing the attendance of students of the Lytton Medical School, Mymensingh, during the year 1943-44 and previous year.

| Sessions. | Remained on the rolls from the previous year. |     | Admitted during the year. | Readmitted during the year. | Admitted on transfer from other medical schools. | Total. | Left, died, etc., during the year. |    |    |    |    |    |    |    | Total. | Remained at the end of the year. | Average monthly number of pupils. | Average daily attendance. |
|-----------|---|-----|---------------------------|-----------------------------|--|--------|------------------------------------|----|----|----|----|----|----|----|--------|----------------------------------|-----------------------------------|---------------------------|
|           | 2   | 3   |                           |                             |  |        | 7                                  | 8  | 9  | 10 | 11 | 12 | 13 | 14 |        |                                  |                                   |                           |
| 1942-43   |   |     |                           |                             |  |        |                                    |    |    |    |    |    |    |    |        |                                  |                                   |                           |
| Male      | ..  | 152 | 59                        | 4                           | 1  | 216    | 27                                 | 5  | 16 | 5  | .. | .. | 5  | .. | 68     | 158                              | 188.5                             | 174.2                     |
| Female    | ..  | 4   | ..                        | ..                          | ..   | 4      | ..                                 | .. | .. | .. | .. | .. | .. | .. | ..     | 4                                | 100                               | 3.36                      |
| 1943-44   |   |     |                           |                             |  |        |                                    |    |    |    |    |    |    |    |        |                                  |                                   |                           |
| Male      | ..  | 159 | 54                        | 2                           | ..   | 215    | 23                                 | 1  | 5  | 5  | 1  | 3  | 4  | .. | 42     | 173                              | 192.7                             | 180.25                    |
| Female    | ..  | 3   | 1                         | ..                          | ..   | 4      | ..                                 | .. | .. | .. | .. | .. | .. | .. | ..     | 4                                | 100                               | 3.75                      |

**TABLE 8.**

**Statement showing the number of students according to religion and nationality taught in and passed out during the year 1943-44 from the Lytton Medical School, Mymensingh.**

| Classification.          | Total number of students taught during year, i.e., the number remaining from the previous year and the number admitted during the year. |         | Number passed out during the year in the final examination as L.M.F. or Final Licentiate'ship examination of the State Medical Faculty. |         |
|--------------------------|---|---------|---|---------|
|                          | Male.   | Female. | Male.   | Female. |
| 1                        | 2   | 3       | 4   | 5       |
| <i>Religion.</i>         |   |         |   |         |
| 1. Hindus :—             |   |         |   |         |
| (a) Brahmin ..           | 50  | ..      | 8   | ..      |
| (b) Non-Brahmin ..       | 131   | 4       | 13  | ..      |
| 2. Buddhist (Chinese) .. | 1   | ..      | ..  | ..      |
| 3. Muslim ..             | 33  | ..      | 2   | ..      |
| Total                    | 215   | 4       | 23  | ..      |
| <i>Nationality.</i>      |   |         |   |         |
| (a) Bengalees ..         | 214   | 4       | 23  | ..      |
| (b) Chinese ..           | 1   | ..      | ..  | ..      |

**International qualification of  
and the previous year in**

| ans.    |       | Others. |       |
|---------|-------|---------|-------|
| Female. | Male. | Female. | Male. |
| 7       | 8     | 9       | 10    |
| ..      | ..    | ..      | ..    |
| ..      | ..    | ..      | ..    |
| ..      | 1     | ..      | ..    |
| ..      | ..    | ..      | ..    |
| ..      | ..    | ..      | ..    |
| ..      | ..    | ..      | ..    |

**Examination held at the  
year 1943-44 and the**

| Number of student<br>appeared at<br>examination. |                 | Number passed. |                 |
|--|-----------------|----------------|-----------------|
| March.   | Septem-<br>ber. | March.         | Septem-<br>ber. |
| 5  | 7               | 8              | 9               |
| 6  | 22              | 5              | 16              |
| ..   | ..              | ..             | ..              |
| ..   | ..              | ..             | ..              |
| ..   | ..              | ..             | ..              |
| 4  | 13              | 4              | 10              |
| ..   | ..              | ..             | ..              |
| ..   | ..              | ..             | ..              |
| ..   | ..              | ..             | ..              |



## **Table E**

TABLE

Statement showing the income and expenditure of the Lytton Medical School,

| Heads of receipts.<br><br>1                 | Income.  |          |           |           |
|---|----------|----------|-----------|-----------|
|   | 1942-43. | 1943-44. | Increase. | Decrease. |
|   | 2        | 3        | 4         | 5         |
|   | Rs.      | Rs.      | Rs.       | Rs.       |
| Receipts from other sources than Government | ..       | ..       | ..        | ..        |
| Opening Balance .. .. .                     | 19       | ..       | ..        | 19        |
| School fees .. .. .                         | 16,718   | 19,176   | (a) 2,458 | ..        |
| Fines .. .. .                               | 870      | 558      | ..        | 312       |
| Entrance fees .. .. .                       | 430      | 350      | ..        | 80        |
| Compounder class fees .. .. .               | 286      | 114      | ..        | 172       |
| Miscellaneous .. .. .                       | 166      | 446      | 280       | ..        |
| District Board Fund .. .. .                 | 781      | 1,030    | 249       | ..        |
| Mohsin Fund .. .. .                         | 171      | 1,710    | (b) 1,539 | ..        |
| Total                                       | 19,441   | 23,384   | 4,526     | 583       |
| Receipts from Government ..                 | 30,218   | 34,571   | 4,353     | ..        |
| Total income ..                             | 49,659   | 57,955   | 8,879     | 583       |

(a) Increase is due to more number of students paying fees.

(b) Increase is due to more amount drawn.

E.

Mymensingh, during the year 1943-44 and the previous year.

| Heads of expenditure.<br>6                | Expenditure. |          |           |           |
|---|--------------|----------|-----------|-----------|
|   | 1942-43.     | 1943-44. | Increase. | Decrease. |
|   | 7            | 8        | 9         | 10        |
|   | Rs.          | Rs.      | Rs.       | Rs.       |
| Heads of expenditure .. ..                | ..           | ..       | ..        | ..        |
| Establishment .. ..                       | 34,623       | 37,854   | (c) 3,231 | ..        |
| Travelling allowance .. ..                | 1,538        | 2,082    | (d) 1,444 | ..        |
| Scholarships from Government ..           | 5,302        | 5,185    | ..        | 117       |
| Stipends from district .. ..              | 781          | 1,030    | 249       | ..        |
| Stipend from Mohsin Fund .. ..            | 171          | 1,710    | 1,539     | ..        |
| Prizes .. ..                              | 244          | 244      | ..        | ..        |
| Taxes .. ..                               | 855          | 855      | ..        | ..        |
| Contingencies .. ..                       | 4,578        | 6,597    | (e) 2,019 | ..        |
| Medicines and Instruments .. ..           | 1,548        | 1,498    | ..        | 50        |
| Purchase of books out of Library Funds .. | 19           | ..       | ..        | 19        |
| Total expenditure ..                      | 49,659       | 57,955   | 8,482     | 186       |
| Closing Balance ..                        | ..           | ..       | ..        | ..        |
| Grand Total ..                            | 49,659       | 57,955   | 8,482     | 186       |

(c) Increase is due to more pay drawn.

(d) Increase is due to more travelling allowance drawn.

(e) Increase is due to more amount drawn.

# Annual Report of the Chittagong Medical School for the year 1943-44.

## I—Buildings and Accommodation.

No additions or alterations were made to the existing buildings for purely medical school purposes.

## II—Teaching and equipment.

The departments were under the charge of—

**Chemistry and Physics.**—Chemistry under Professor R. K. Das and Physics under Professor U. C. Bhattacharjee. The classes in Chemistry and Physics for the first year students of this institution were held in the Chittagong College as before and were carried out satisfactorily.

**Anatomy.**—Under Dr. D. M. Chanda up to 1st April 1943, and Dr. Hasem, Demonstrator of Anatomy, from 2nd April 1943 to 14th June 1943 and Dr. P. K. Bhattacharjee from 15th June 1943 up to this date, assisted by two demonstrators. Lectures and demonstrations in the subject were held in excess of the prescribed number and were delivered throughout the year with the help of models, diagrams, bones, etc.; 34 cadavers were available from the General Hospital, Chittagong, for dissection purposes. The number of dead bodies was not sufficient.

**Physiology.**—Under Dr. M. P. Talukdar, M.B., up to 16th January 1944 and Dr. M. A. Khaleque, M.B., from 17th January 1944 assisted by one demonstrator. The regular lectures and demonstrations were held. The department is equipped with a sufficient number of diagrams, 14 students' microscopes and only one oil immersion lens microscope. At least 10 students' microscopes and one oil immersion microscope, in addition to the above, are needed for the facility of teaching.

**Materia Medica.**—Under the charge of Dr. M. Huq (honorary teacher) assisted by one demonstrator. The department is well equipped with necessary drugs, etc., required for the use of the students in their practical classes and the work was satisfactory.

**Surgery.**—Under Dr. S. C. Gupta, M.B., up to 27th September 1943, and Dr. Ghosh from 28th September 1943 up to the date. The prescribed course of lectures was delivered by the teacher during the year. Clinical instructions were also given in the Surgical Ward of the attached hospital and the students acted as Surgical Dressers and Operation Assistants. Clinics on important cases were given by the teacher with the help of X-ray films. Regular instruction in Operative Surgery was held.

**Medicine.**—Under Dr. A. Ahmed, M.B., up to 17th January 1944, and Dr. B. M. Chakravorty, M.B., from 18th January 1944 up till now. The prescribed course of lectures was delivered by the teacher. Clinical demonstrations were held in the wards daily throughout the year by him.

**Midwifery and Gynaecology.**—Under Dr. C. L. Mukerjee, M.B., M.O., up to 17th May 1943 and Dr. B. B. Biswas, M.B., from 18th May 1943 to 20th November 1943, Major John Brebner, I.M.S., Superintendent of the School, from 21st November 1943 to 12th January 1944, and Dr. B. B. Rakshit, M.B., from 13th January 1944. Lectures were delivered by the teacher.



Clinics were also given by the teacher in the wards on obstetric and gynæcological cases. Forty-seven labour cases were available during the year under report.

**Medical Jurisprudence.**—Under the charge of Dr. I. B. Majumdar, M.B., up to 15th March 1944 and Dr. J. B. Banerjee, M.B., from 16th March 1944. The usual lectures were delivered. One hundred and forty-seven medico-legal post mortems were done which were attended by the senior students of this school for practical training.

**Hygiene.**—Under Dr. B. Bose, M.B., D.P.H. (honorary teacher). The prescribed lectures on hygiene and rural hygiene were delivered by the teacher.

**Pathology.**—Under Dr. S. C. Majumdar, M.B., up to 17th January 1944 and Dr. J. B. Banerjee, M.B., from 18th January 1944, assisted by one demonstrator. Lectures and demonstrations were held satisfactorily. The department is equipped with four microscopes provided with 1/12 objectives and 11 students' microscopes. Two more microscopes with oil immersion lenses and 10 more students' microscopes are required for the department. The details of the clinical pathological work of the hospital cases done during the year are as follows:—

|  |     |     |     |     |
|--|-----|-----|-----|-----|
| (1) General examinations—                  |     |     |     |     |
| Blood                                      | ... | ... | ... | 256 |
| Stool                                      | ... | ... | ... | 216 |
| Urine (including quantitative estimations) | ... | ... | ... | 46  |
| Sputum                                     | ... | ... | ... | 9   |
| Pus  | ... | ... | ... | 5   |
| Ascitic fluid                              | ... | ... | ... | 1   |
| C. S. fluid                                | ... | ... | ... | 3   |
| (2) Cultural examinations—                 |     |     |     |     |
| Blood                                      | ... | ... | ... | 10  |
| Stool                                      | ... | ... | ... | 5   |
| Urine                                      | ... | ... | ... | 28  |
| Sputum                                     | ... | ... | ... | 1   |
| Pus  | ... | ... | ... | ... |
| Ascitic fluid                              | ... | ... | ... | 1   |
| C. S. fluid                                | ... | ... | ... | 2   |
| Other pathological fluid                   | ... | ... | ... | ... |
| Plural fluid culture                       | ... | ... | ... | 2   |
| Throat fluid culture                       | ... | ... | ... | 1   |
| (3) Auto-vaccine                           | ... | ... | ... | 2   |
| (4) Special examinations—                  |     |     |     |     |
| Blood grouping                             | ... | ... | ... | 4   |
| Blood matching                             | ... | ... | ... | 4   |
| Widal reaction                             | ... | ... | ... | 22  |
| Kahn test                                  | ... | ... | ... | 91  |
| Erythrocytic sedimentation test            | ... | ... | ... | 13  |
| Vandenbergh reaction                       | ... | ... | ... | ... |
| Blood urea estimation                      | ... | ... | ... | ... |

|                                       |     |     |     |     |
|---------------------------------------|-----|-----|-----|-----|
| Blood sugar estimation                | ... | ... | ... | 15  |
| Coagulation time of blood             | ... | ... | ... | ... |
| Bleeding time                         | ... | ... | ... | ... |
| Gastric analysis                      | ... | ... | ... | 1   |
| Estimation of urea in urine           | ... | ... | ... | ... |
| Tests for excretion of drugs in urine | ... | ... | ... | ... |
| Stomach wash                          | ... | ... | ... | 1   |

(5) Special smear—

|                  |     |     |     |     |
|------------------|-----|-----|-----|-----|
| Vaginal smear    | ... | ... | ... | ... |
| Urethral smear   | ... | ... | ... | 6   |
| Throat smear     | ... | ... | ... | 1   |
| Tissue smear     | ... | ... | ... | ... |
| Congenital smear | ... | ... | ... | 1   |
| Gum smear        | ... | ... | ... | 1   |

**Out-patients' Department.**—This department has been much improved and divided into three separate sections for facility in working, as detailed below:—

(a) Medical.

(b) Surgical, including Venereal, Eye, Nose, Ear, Throat and Dental.

(c) Gynæcological and Obstetrical.

The medical section is in charge of the Assistant to the Assistant Surgeon and Deputy Superintendent of the Chittagong General Hospital.

The surgical section is in charge of the Teacher of Medical Jurisprudence assisted by a House Surgeon.

The gynæcological and obstetrical sections are in charge of the lady doctor.

All the officers in charge of these sections give clinics to students on suitable cases daily and teachers of Surgery, Medicine, Midwifery and Gynæcology bi-weekly.

The eye clinic is held twice a week on Monday and Thursday mornings by the Teacher of Surgery.

The venereal clinic is held daily by the Teacher of Medical Jurisprudence.

The ear, nose and throat clinic is held twice a week on Thursday and Friday mornings by the Medical Officer, Out-patient Department.

Anti-rabic treatment is given daily by the House Physician and clinics are also given to students.

Vaccination is carried out by a municipal vaccinator.

Leprosy treatment is done once a week by a House Physician.

Tuberculosis clinic is managed by Medical Officer, Out-patients' Department.

A clinical laboratory is attached to this department. The honorary clinical pathologist is in charge. He guides the students and sees that proper records of examinations are kept.

**X'ray.**—This department has improved the teaching of medicine and surgery considerably. Nearly every plate taken is demonstrated to students.

### III—Conduct and attendance of students.

The conduct and attendance of students both in the school and hospital were satisfactory. Sixty-eight students were admitted during the year under report; new admission 60, and readmission 8. The standard of general educational qualifications of the students admitted is shown in Table C.

The total number of applications received for admission was 82 as against 60 of the last year.

### IV—Examinations.

The results of the State Medical Faculty examinations are shown in Table D.

### V—Compounders' class.

The results are shown in Table D(a). Two students were admitted during the year under report. The usual lectures, demonstrations and practical classes were held by the teacher, demonstrator of Materia Medica.

### VI—Finance.

The total receipts of the school other than Government were Rs. 13,964 and the total expenditure was Rs. 55,370 as against Rs. 15,305 and Rs. 50,781, respectively, of the previous year. The details of receipt and expenditure are shown in Table E.

The average cost per student per annum was Rs. 326 as against Rs. 194 of the last year.

### VII—Establishment.

Major John Brebner, I.M.S., was in charge of the office of the Superintendent throughout the year.

Dr. M. P. Talukdar, M.B., was in charge of the office of the Deputy Superintendent up to 16th January 1944 and Dr. M. A. Khaleque from 17th January 1944.

Dr. K. K. Ghosh, M.B., was appointed as a Teacher of Surgery from 28th September 1943, *vice* Dr. S. C. Gupta, M.B., transferred.

Dr. B. B. Biswas, M.B., was appointed as a Teacher of Midwifery from 18th May 1943, *vice* Dr. C. L. Mukerjee, M.B., M.O., transferred.

Dr. B. B. Rakshit, M.B., was appointed as a Teacher of Midwifery from 13th January 1944, *vice* Dr. B. B. Biswas, M.B., granted leave and afterwards transferred.

Dr. B. M. Chakravorty, M.B., was appointed as a Teacher of Medicine, from 18th January 1944, *vice* Dr. A. Ahmed, M.B., transferred.

Dr. J. B. Banerjee, M.B., was appointed as a Teacher of Pathology from 18th January 1944, *vice* Dr. S. C. Majumdar, M.B., transferred.

Dr. P. K. Bhattacharjee, L.M.P., was appointed as a Teacher of Anatomy from 15th June 1943, *vice* Dr. D. M. Chanda, L.M.P., transferred.

Dr. S. P. Ghosh, L.M.F., was appointed Demonstrator of Pathology from 20th September 1943, *vice* Dr. M. A. Wadud, L.M.F., transferred.

Dr. K. P. Dutta, L.M.F., was appointed as Demonstrator of Anatomy from 23rd October 1943, *vice* Dr. M. S. Ali, L.M.F., transferred.

Dr. M. A. Rauf, L.M.F., was appointed Demonstrator of Anatomy from 1st September 1943, *vice* Dr. Md. Hasem, L.M.F., deputed to X'ray training and afterwards transferred.

Dr. B. B. Mallick, L.M.F., was appointed Demonstrator of Anatomy from 24th January 1944, *vice* Dr. M. A. Rauf, L.M.F., deputed to military duty.

### VIII—General notes.

**Inspection.**—No inspection was made during the year under report.

**Athletic Club.**—Students played football, cricket, volley ball, tennis and badminton as their outdoor games and carrom and ping-pong as their indoor games. The interest of the students in football was not encouraging for want of a playground.

**General.**—An epidiascope is essentially required for the school. A pressing need is for proper hostel accommodation for the majority of students.

**Office.**—Dr. M. P. Talukdar, M.B., was in charge of the office of the Deputy Superintendent of the school up to 16th January 1944 and Dr. M. A. Khaleque, M.B., from 17th January 1944.

P. L. O'NEILL, MAJOR, I.M.S.,

*Superintendent, Chittagong Medical School.*

**ANNEXURE.****Staff.**

*(1) List showing the names of officers with their academic qualifications and their duties in the Chittagong Medical School, also whether whole-time, part-time or honorary.*

1. Captain John Brebner, I.M.S., Superintendent (part-time).
2. Dr. S. C. Gupta, M.B., Teacher of Surgery (part-time).
3. Dr. I. B. Majumdar, M.B., Teacher of Medical Jurisprudence (part-time).
4. Dr. M. P. Talukdar, M.B., Teacher of Physiology and Deputy Superintendent (whole-time).
5. Dr. A. Ahmed, M.B., Teacher of Medicine (part-time).
6. Dr. S. C. Majumdar, M.B., Teacher of Pathology (whole-time).
7. Dr. B. B. Rakshit, M.B., Teacher of Midwifery (part-time).
8. Dr. B. Bose, M.B., D.P.H., Teacher of Hygiene (honorary).
9. Dr. M. Huq, M.B., Teacher of Materia Medica (honorary).
10. Dr. P. K. Bhattacharjee, L.M.P., Teacher of Anatomy (whole-time).
11. Dr. M. A. Wadud, L.M.F., Demonstrator of Pathology (whole-time).
12. Dr. Md. Hashem, L.M.F., Demonstrator of Anatomy (whole-time).
13. Dr. A. Kabir, L.M.F., Demonstrator of Materia Medica and Teacher of Compounders' class (whole-time).
14. Dr. A. Sobhan, L.M.F., Demonstrator of Physiology (whole-time).
15. Dr. M. S. Ali, L.M.F., Demonstrator of Anatomy (whole-time).

*(2) List showing the names of officers with their academic qualifications and their duties in the General Hospital attached to the Chittagong Medical School, also whether whole-time, part-time or honorary.*

1. Captain John Brebner, I.M.S., Superintendent of the Hospital (part-time).
2. Dr. S. C. Gupta, M.B., Officer-in-charge, Surgical Wards (part-time).
3. Dr. I. B. Majumdar, M.B., Officer-in-charge, Out-patients' Department and Infectious Wards, and Deputy Superintendent, General Hospital (whole-time).
4. Dr. A. Ahmed, M.B., Officer-in-charge, Medical Wards (part-time).
5. Dr. B. B. Rakshit, M.B., Officer-in-charge, Gynæcological Wards (part-time).
6. Dr. M. Huq, M.B., Honorary Physician, Out-patients' Department (part-time).

7. Dr. A. Ahmed, L.M.F., Officer-in-charge, Out-patients' Department (whole-time).

In addition there are five paid house staff and seven unpaid house staff attached to the Chittagong General Hospital.

*(3) Change in the teaching staff during the year.*

Dr. K. K. Ghosh, M.B., was appointed as a Teacher of Surgery from 28th September 1943, *vice* Dr. S. C. Gupta, M.B., transferred.

Dr. M. A. Khaleque, M.B., was appointed as a Teacher of Physiology and Deputy Superintendent of the School from 17th January 1944, *vice* Dr. M. P. Talukdar, M.B., transferred.

Dr. B. B. Biswas, M.B., was appointed as a Teacher of Midwifery from 18th May 1943, *vice* Dr. C. L. Mukerjee, M.B., M.O., transferred.

Dr. B. B. Rakshit, M.B., was appointed as a Teacher of Midwifery from 13th January 1944, *vice* Dr. B. B. Biswas, M.B., granted leave and afterwards transferred.

Dr. B. M. Chakravorty, M.B., was appointed as a Teacher of Medicine from 18th January 1944, *vice* Dr. A. Ahmed, M.B., transferred.

Dr. J. B. Banerjee, M.B., was appointed as a Teacher of Pathology from 18th January 1944, *vice* Dr. S. C. Majumdar, M.B., transferred.

Dr. P. K. Bhattacharjee, L.M.F., was appointed as a Teacher of Anatomy from 15th June 1943, *vice* Dr. D. M. Chanda, L.M.F., transferred.

Dr. S. P. Ghosh, L.M.F., was appointed as a Demonstrator of Pathology from 20th September 1943, *vice* Dr. M. A. Wadud, L.M.F., transferred.

Dr. K. P. Dutta, L.M.F., was appointed as a Demonstrator of Anatomy from 23rd October 1943, *vice* Dr. M. S. Ali, L.M.F., transferred.

Dr. M. A. Rouf, L.M.F., was appointed as a Demonstrator of Anatomy from 1st September 1943, *vice* Dr. Md. Hashem, L.M.F., deputed to X-ray training and afterwards transferred.

Dr. B. B. Mallick, L.M.F., was appointed as a Demonstrator of Anatomy from 24th January 1944, *vice* Dr. M. A. Rouf, L.M.F., deputed to Military duty.

**Students on 1st July 1943.**

1. Sex of students: Male 100, female 6; Total 106.
2. Maximum number of new admission annually—50.
3. Age limits for students on admission—No high age limit; but male candidates shall be over 15 years and female candidates over 17 years.
4. Standard of general education required on admission to the school—Matriculation or its equivalent is the minimum standard.

**Examinations.**

1. Cost of Government or to the body responsible for the school per student per annum in the school—Rs. 326.

2. Percentage of students paid for by—

- (a) Government—51.69 per cent.
- (b) Local bodies or other agencies—7.62 per cent.
- (c) Privately by their guardians—40.69 per cent.

**Equipment.**

1. Number of sanctioned beds in the attached hospital—144, and average daily number of in-patients—68.83 per cent.

2. Average number of confinement cases per annum during the last three years—199 (1941-42), 52 (1942-43) and 47 (1943-44).

3. Number of microscopes allotted for personal use of the students in teaching:—

- (a) Physiology—14.
- (b) Pathology—11.
- (c) Oil immersion lenses—5.

P. L. O'NEILL, MAJOR, I.M.S.,  
*Suprintendent, Chittagong Medical School.*

CHITTAGONG,  
*The 31st January 1945.*

TABLE A.

Statement showing the attendance of students of the Chittagong Medical School during the year 1943-44 and the previous year.

| Session. | Remained on the roll from the previous year. | Admitted during the year. | Re-admitted during the year. | Admitted on transfer from other medical schools. | Total.   | Left, died, etc. during the year.                          |                                    |   |   |   |                                       |                             |          | Total.   | Died.    | Remained at the end of the year. | Average monthly number of pupils. | Average daily attendance. |
|----------|--|---------------------------|------------------------------|--|----------|--|------------------------------------|---|---|---|---------------------------------------|-----------------------------|----------|----------|----------|----------------------------------|-----------------------------------|---------------------------|
|          |  |                           |                              |  |          | Left the school after having passed the final Examination. | Removed for absence without leave. | Removed for non-payment of school fees. | Removed for failure at the school test examination. | Discontinued or removed for misconduct. | Transferred to other medical schools. | Resigned or left otherwise. |          |          |          |                                  |                                   |                           |
| 1        | 2  | 3                         | 4                            | 5  | 6        | 7  | 8                                  | 9                                       | 10  | 11                                      | 12                                    | 13                          | 14       | 15       | 16       | 17                               | 18                                |                           |
| Percent. | Percent.                                     | Percent.                  | Percent.                     | Percent.   | Percent. | Percent.   | Percent.                           | Percent.                                | Percent.  | Percent.                                | Percent.                              | Percent.                    | Percent. | Percent. | Percent. | Percent.                         | Percent.                          |                           |
| 1942-43  | 108  | 48                        | 10                           | ..   | 166      | 10   | 5                                  | 14                                      | 6   | ..                                      | 18                                    | 7                           | ..       | 60       | 106      | 161                              | 165                               |                           |
| 1943-44  | 106  | 60                        | 12                           | ..   | 178      | 18   | 2                                  | 3                                       | 24  | ..                                      | 1                                     | 4                           | ..       | 52       | 126      | 162                              | 164                               |                           |



**TABLE B.**

**Classification of students according to religion and nationality taught in and passed out of the Chittagong Medical School during the year 1943-44.**

| Classification.      | Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year. |         | Number passed out during the year in the Final Examination as L. M. F. or Final Licentiate'ship Examination of the State Medical Faculty of Bengal. |         |
|----------------------|---|---------|---|---------|
|                      | Male.   | Female. | Male.   | Female. |
| 1                    | 2   | 3       | 4   | 5       |
| <i>Religion.</i>     |   |         |   |         |
| Muslim ..            | 49  | ..      | 4   | ..      |
| Hindus ..            | 117   | 3       | 14  | ..      |
| Buddhists ..         | 6   | 1       | ..  | ..      |
| Christians ..        | ..  | 2       | ..  | ..      |
| Sikhs ..             | ..  | ..      | ..  | ..      |
| Total ..             | 172   | 6       | 18  | ..      |
| <i>Nationality.</i>  |   |         |   |         |
| Bengalees ..         | 172   | 6       | 18  | ..      |
| Punjabis or Sikhs .. | ..  | ..      | ..  | ..      |
| Total ..             | 172   | 6       | 18  | ..      |

**TABLE C.**

**Classification according to preliminary general education of the students admitted during the year 1943-44 and the previous year in the Chittagong Medical School, Chittagong.**

| Classification.    | Hindus. |         | Muslims. |         | Buddhists. |         | Christians. |         | Sikhs. |         |
|--------------------|---------|---------|----------|---------|------------|---------|-------------|---------|--------|---------|
|                    | Male.   | Female. | Male.    | Female. | Male.      | Female. | Male.       | Female. | Male.  | Female. |
| 1                  | 2       | 3       | 4        | 5       | 6          | 7       | 8           | 9       | 10     | 11      |
| <b>1942-43—</b>    |         |         |          |         |            |         |             |         |        |         |
| I. A. or I. Sc. .. | 2       | ..      | ..       | ..      | 1          | ..      | ..          | ..      | ..     | ..      |
| Matriculates ..    | 29      | ..      | 15       | ..      | 1          | ..      | ..          | ..      | ..     | ..      |
| <b>1943-44—</b>    |         |         |          |         |            |         |             |         |        |         |
| B. A. ..           | 1       | ..      | ..       | ..      | ..         | ..      | ..          | ..      | ..     | ..      |
| I. A. or I. Sc. .. | 6       | ..      | ..       | ..      | ..         | ..      | ..          | ..      | ..     | ..      |
| Matriculates ..    | 27      | 2       | 21       | ..      | 2          | ..      | ..          | 1       | ..     | ..      |

**TABLE D(a).**

**Statement showing the results of compoundership examination held at the Chittagong Medical School during the year 1943-44 and the previous year.**

| Sessions.          | Remaining from the previous year. | Number of students admitted during the year. | Total Number of students under training. | Number of students removed. | Number of students who appeared at the examination. |          | Number passed. |          |
|--------------------|-----------------------------------|--|--|-----------------------------|---|----------|----------------|----------|
|                    |                                   |  |  |                             | April.  | October. | April.         | October. |
| 1                  | 2                                 | 3  | 4  | 5                           | 6   | 7        | 8              | 9        |
| <b>1942-43—</b>    |                                   |  |  |                             |   |          |                |          |
| Regular students   | 8                                 | 3  | 11                                       | 5                           | ..  | 3        | ..             | 3        |
| Outside candidates | ..                                | ..   | ..                                       | ..                          | ..  | ..       | ..             | ..       |
| <b>1943-44—</b>    |                                   |  |  |                             |   |          |                |          |
| Regular students   | 3                                 | 2  | 5  | 3                           | ..  | ..       | ..             | ..       |
| Outside students   | ..                                | ..   | ..                                       | ..                          | ..  | ..       | ..             | ..       |

TABLE D(b).

Statement showing the results of the examinations of the State Medical Faculty of Bengal during the year 1943-44 and the previous year.

| Sessions. | Primary Licentiate Examination. |                      |                    |                      |                     |                      | Intermediate Licentiate Examination. |                      |                    |                      |                     |                      | Final Licentiate Examination. |                      |                    |                      |                     |                      |
|-----------|---------------------------------|----------------------|--------------------|----------------------|---------------------|----------------------|--------------------------------------|----------------------|--------------------|----------------------|---------------------|----------------------|-------------------------------|----------------------|--------------------|----------------------|---------------------|----------------------|
|           | Number appeared.                |                      | Number passed.     |                      | Percentage of pass. |                      | Number appeared.                     |                      | Number passed.     |                      | Percentage of pass. |                      | Number appeared.              |                      | Number passed.     |                      | Percentage of pass. |                      |
|           | April Examination.              | October Examination. | April Examination. | October Examination. | April examination.  | October examination. | April examination.                   | October examination. | April examination. | October examination. | April examination.  | October examination. | April examination.            | October examination. | April examination. | October examination. | April examination.  | October examination. |
| 1         | 2                               | 3                    | 4                  | 5                    | 6                   | 7                    | 8                                    | 9                    | 10                 | 11                   | 12                  | 13                   | 14                            | 15                   | 16                 | 17                   | 18                  | 19                   |
| 1942-43   | 17                              | 13                   | 10                 | 12                   | 58.8                | 92.2                 | 26                                   | 15                   | 16                 | 10                   | 61.5                | 66.6                 | 22                            | 12                   | 4                  | 6                    | 18.1                | 50                   |
| 1943-44   | 29                              | 7                    | 15                 | 6                    | 51.7                | 85.7                 | 24                                   | 20                   | 10                 | 1                    | 41.6                | 5.2                  | 24                            | 21                   | 8                  | 10                   | 33.3                | 45.4                 |

TABLE

## Statement showing the income and expenditure of the Chittagong Medical

| Heads of receipts.                           | Income.  |          |           |           |
|--|----------|----------|-----------|-----------|
|  | 1942-43. | 1943-44. | Increase. | Decrease. |
|  | 2        | 3        | 4         | 5         |
| 1  | 2        | 3        | 4         | 5         |
| Received from other sources than Government— | Rs.      | Rs.      | Rs.       | Rs.       |
| School fees .. .. .                          | 9,466    | 10,300   | (a) 834   | ....      |
| Admission fees .. .. .                       | 318      | 355      | (a) 37    | ....      |
| Fines .. .. .                                | 189      | 280      | (a) 91    | ....      |
| Interest from endowment ..                   | 4,681    | 2,293    | ..        | (b) 2,388 |
| Miscellaneous .. .. .                        | 111      | 136      | 25        | ....      |
| Mohsin fund .. .. .                          | 540      | 600      | (c) 60    | ....      |
| Total  | 15,305   | 13,964   | 1,347     | 2,388     |
| Received from Government ..                  | 35,476   | 41,406   | 5,930     | ....      |
| Grand total .. .. .                          | 50,781   | 55,370   | 6,977     | 2,388     |

(a) Due to more number of students admitted.

(b) Due to less interest received.

(c) Due to less amount sanctioned.

CHITTAGONG;

*The 31st January 1945.*

E.

School during the year 1943-44 and the previous year.

| Heads of expenditure.                 | Expenditure. |          |           |           |    |
|---------------------------------------|--------------|----------|-----------|-----------|----|
|                                       | 1942-43.     | 1943-44. | Increase. | Decrease. |    |
|                                       | 6            | 7        | 8         | 9         | 10 |
|                                       | Rs.          | Rs.      | Rs.       | Rs.       |    |
| Establishment .. ..                   | 37,530       | 39,690   | (d) 2,160 | ....      |    |
| Scholarships and prizes .. ..         | 6,297        | 6,751    | (e) 454   | ....      |    |
| Mohsin fund .. ..                     | 540          | 600      | (c) 60    | ....      |    |
| Purchase of books .. ..               | 150          | ....     | ....      | (f) 150   |    |
| Rents, rates and taxes .. ..          | 1,022        | 1,022    | ....      | ....      |    |
| Travelling allowance .. ..            | 1,414        | 2,818    | (g) 1,404 | ....      |    |
| Contract contingencies .. ..          | 1,953        | 2,300    | (h) 356   | ....      |    |
| Medical and surgical requisites .. .. | 1,667        | 826      | ....      | (i) 841   |    |
| Forms and stationery .. ..            | 208          | 109      | ....      | (j) 99    |    |
| Other contingent charges .. ..        | ....         | 1,245    | ....      | ....      |    |
|                                       | 50,781       | 55,370   | 4,434     | 1,090     |    |
|                                       | ..           | ....     | ....      | ....      |    |
|                                       |              |          |           |           |    |

(d) Due to periodical increment of staff and sanction of dearness and separation allowance to some of the members of staff.

(e) Due to award of more scholarships to students.

(f) Due to no purchase of books.

(g) Due to more transfer of staff.

(h) Due to increase of dearness allowance of contingent menials.

(i) Due to less purchase of medicines and instruments.

(j) Due to no purchase of stationery articles.

P. L. O'NEILL, MAJOR, I.M.S.,  
*Superintendent, Chittagong Medical School.*

# **Annual Report on the working of the Jackson Medical School, Jalpaiguri, for the year 1943-44.**

## **I--Buildings and Accommodation.**

The school buildings are adequate and there is sufficient accommodation for classes. The great need of the school is the provision of a hostel for students. At present students have to reside in boarding houses in the town. Many of these are insanitary, ill-lighted and otherwise unsuitable.

## **II--Teaching and Equipment.**

**Physics and Chemistry.**—The department is well equipped. During the year under review the prescribed number of lectures and demonstrations were held with extra classes for failed students. There was no change in the teaching staff throughout the year. Some difficulty was experienced in purchasing apparatus and chemicals necessary for lectures and demonstrations.

**Anatomy.**—This department encountered much difficulty during the winter session on account of the lack of sufficient materials for dissection. This was due to lack of formalin and only four cadavers were available when the term commenced. The condition improved somewhat after three months. One hundred and ten students had to manage with twelve cadavers. Supply of these is from the General Hospital and in the year twenty-one bodies were collected. A number of these could not be used owing to lack of preservative and climatic conditions. "Cold Storage" arrangements are essential if the situation is to be improved.

**Physiology.**—Dr. A. M. Noosin, M.B., D.T.M., took over charge of this department from Dr. A. H. Talukdar in the latter part of January 1944. The prescribed number of lectures and demonstrations were held and extra coaching classes were organised for failed students.

**Materia Medica.**—More than double the scheduled lectures were given to students during the year in this department. There were also many demonstration classes and special coaching of failed students was carried out by the teacher himself. It is reported that specimens of drugs for demonstration purposes have deteriorated and are really useless. The department requires one more table for practical work and an almirah for stores. The teacher reports that supplies of B. P. preparations for practical work were scanty and a more liberal supply is necessary. These points are receiving attention.

**Pathology.**—The great need of this department is the lack of sufficient pathological material. A sufficient number of post mortems were not held during the year. These were almost exclusively on bodies sent for medico-legal purposes and the numbers are not large. Some help might be obtained through the hospital but usually relatives object to post mortems.

A sufficiency of glass jars was not available and consequently much inconvenience was experienced in the preservation of specimens for museum purposes. Three hundred and fifty-four biochemical examinations were made during the year. The prescribed number of lectures were held and extra classes were organised for failed students.

**Hygiene.**—Lectures and demonstrations were conducted as prescribed with the aid of models and charts relating to the various subjects.

Students were shown the municipal water supply arrangements and visited the rural area for instruction on rural hygiene and sanitation.

**Jurisprudence.**—There has been a change of teacher in this department. Dr. I. B. Majumdar, M.B., B.M.S. (Upper), took over in April 1944. Only a few medico-legal cases are available here and students do not get sufficient facilities for practical demonstrations in this important subject. Material from the General Hospital is also seldom available as relatives of deceased persons object to post mortem examinations.

**Medicine.**—On the average 50 third and fourth year students attended during the year. Clinical work was carried out in the General Hospital. In November 1943 fourteen students appeared in the Faculty examination, of whom eight were successful. In May 1944 fifteen appeared and ten were successful.

**Library.**—There is not much change since the previous report. The stock of books is still poor and the yearly grant of Rs. 200 renders addition to the stock very slow.

**Radiological Department.**—This has worked under difficulties during the year owing mainly to lack of films.

**Labour cases.**—Two hundred and twenty-two were available against 268 last year.

**Surgical Department.**—One thousand and eighty-four operations were performed against 1,144 last year.

**Out-patients' Department.**—No improvement was made during the year. Rs. 39,000 is available for extension projects but the money is invested in 3 per cent. Defence Loans as building material is not available.

**Admission.**—The number of students selected was 28 out of 93 as against 50 out of 102 last year. More rigorous selection of candidates account for the smaller numbers admitted.

**Conduct and attendance.**—The attendance and conduct of students have been satisfactory.

**Examinations.**—The test and annual examinations of the school were held twice during the year as usual. The results of the Faculty examinations are shown in Table D.

**Athletic Club.**—The management of the club was carried on satisfactorily. The students took a fairly active interest in sports and they were encouraged by staff. A gymnasium shed is urgently required for the students and Government have been moved to provide funds.

**Visits and Inspections.**—There were no visits or inspections during the year under report.

**Finance.**—The details of receipts and expenditure for the year are shown in Table E. The causes for increase or decrease have also been furnished there. The total receipt of the school from sources other than Government was Rs. 23,930 against Rs. 24,447 last year and the total expenditure was Rs. 52,465 against Rs. 47,476 last year.

The average primary cost per student educated was Rs. 272 against Rs. 199 last year.

Office of the Superintendent was held by Dr. N. R. Gupta, M.B., M.R.C.P. (Edin.), D.P.H. (Cantab.), D.T.M. & H. (London).

Office of the Deputy Superintendent was held by Dr. A. H. Talukdar, M.B., up to January 1944, when Dr. A. M. Noosin, M.B., D.T.M., took over charge, owing to former's transfer to Mental Hospital, Ranchi.

Details of establishment will be found in Annexure I below.

**ANNEXURE I.**

*List showing the names of the staff with their qualifications and duties in the medical school, also whether whole-time, part-time or honorary.*

**Superintendent—**

Dr. N. R. Gupta, M.B., M.R.C.P. (Edin.), D.P.H. (Cantab.), D.T.M. & H. (London).

**Teachers—**

1. Dr. R. C. Chakraverty, M.B., Teacher of Surgery.
2. Dr. J. B. Banerjee, M.B., Teacher of Pathology.
3. Dr. A. K. Nandi, B.Sc., M.B., M.R.C.P. (Edin.), Teacher of Jurisprudence.
4. Dr. R. R. Roy, M.B., Teacher of Midwifery.
5. Dr. Md. H. Rahman, B.Sc., M.B., Teacher of Medicine.
6. Dr. A. H. Talukdar, M.B., Teacher of Physiology.
7. Dr. A. M. Bhattacharji, L.M.F., Teacher of Anatomy.
8. Dr. S. C. Gupta, M.B., Teacher of Materia Medica.
9. Dr. D. P. Dutta, M.B., D.P.H., Teacher of Hygiene.
10. Mr. N. C. Guha, B.Sc., Teacher of Physics and Chemistry.

Of these Nos. 1 and 3 to 5 are part-time officers. Nos. 2, 6, 7 and 10 are whole-time officers. Nos. 8 and 9 are honorary officers.

**Demonstrators—**

1. Dr. J. Sengupta, L.M.F., Demonstrator of Physiology.
2. Dr. R. N. Ghosh, L.M.F., Demonstrator of Materia Medica.
3. Dr. K. Ali, L.M.F., Demonstrator of Anatomy.
4. Dr. K. P. Datta, L.M.F., Demonstrator of Anatomy.
5. Dr. A. B. M. Osmangani, L.M.F., Demonstrator of Pathology.
6. Dr. N. D. Roy, L.M.F., Demonstrator of Physics and Chemistry.

All are whole-time officers.

(2) *List showing the names of the staff with their academic qualifications and their duties in the hospital attached to the medical school, also whether whole-time, part-time or honorary.*

**Superintendent—**

Dr. N. R. Gupta, M.B., M.R.C.P. (Edin.), D.P.H. (Cantab.), D.T.M. & H. (London).

**Teachers—**

1. Dr. R. C. Chakraverty, M.B., Surgical and Ophthalmic Wards.
2. Dr. Md. H. Rahman, B.Sc., M.B., Medical Ward.



3. Dr. R. R. Roy, M.B., Gynæcological Ward.
4. Dr. A. K. Nandi, B.Sc., M.B., M.R.C.P. (Edin.), Infectious and Outdoor Wards and Deputy Superintendent, Hospital.
5. Dr. J. B. Banerjee, M.B., Bacteriologist to the Hospital.
6. Dr. A. H. Talukdar, M.B., Bio-Chemist to the Hospital.
7. Dr. A. M. Bhattacharjee, L.M.F., Radiologist to the Hospital.

*(3) Changes in the teaching staff during the year.*

Dr. R. R. Roy, M.B., has been transferred and Dr. S. K. Sur Roy, M.B., has been appointed Teacher of Midwifery.

Dr. J. B. Banerjee, M.B., has been transferred and Dr. S. C. Majumdar, M.B., has been appointed Teacher of Pathology.

Dr. A. H. Talukdar, M.B., has been transferred and Dr. A. M. Noosin, M.B., D.T.M., has been appointed Teacher of Physiology.

Dr. A. K. Nandi, B.Sc., M.B., M.R.C.P. (Edin.), has been transferred and Dr. I. B. Majumdar, M.B., has been appointed Teacher of Jurisprudence.

Dr. Md. Sabed Ali, L.M.F., has been appointed Demonstrator of Anatomy, *vice* Dr. K. P. Datta, L.M.F., transferred.

Dr. Md. A. Wadud, L.M.F., has been appointed Demonstrator of Pathology, *vice* Dr. A. B. M. Osmangani, L.M.F., transferred.

Dr. P. R. Deb, L.M.F., was appointed Demonstrator of Physics and Chemistry, *vice* Dr. N. D. Roy, L.M.F., transferred.

**Students.**

1. Sex of students—Male.
2. Maximum number of new admissions annually—40.
3. Age-limit, high and low, for students on admission—No high age-limit but low age-limit is 15 years.
4. Standard of general education required on admission to the school—Matriculation or its equivalent is the minimum standard.

**Examinations.**

1. Names of examiners at each of the examinations—*Vide* Appendix A.
2. By whom appointed and for how long at a time—*Vide* Appendix A.
3. Percentage of marks required at each examination to obtain a pass—40 per cent.
4. Proportion of students who take all the subject in the final examination—55.81 per cent.

**Finance.**

1. Cost of Government or the body responsible for the school per student per annum in the school—Rs. 272.

**2. Percentage of students paid for by—**

- (a) Government—20·32 per cent.
- (b) Local bodies or other agencies—13·73 per cent.
- (c) Privately by their guardians—65·95 per cent.

**Equipment.**

- 1. Number of sanctioned beds to the attached hospital—113 and the average daily number of in-patients—132.
- 2. Average number of confinement cases during the last three years—227.
- 3. Number of microscopes allotted for the personal use of students in teaching—
  - (a) Physiology—13, of which one is with 1/12 objective.
  - (b) Pathology—12, of which 4 is with 1/12 objective.

J. H. CAVERHILL, CAPT., I.M.S.,

*Superintendent, Jackson Medical School, Jalpaiguri.*

JALPAIGURI:

*The 18th December 1944.*

TABLE A.

Statement showing the attendance of students of the Jackson Medical School, Jalpaiguri, during the year 1943-44 and the previous year.

| Sessions. | Remained on the roll from the previous year. |     | Admitted during the year. | Re-admitted during the year. | Admitted on transfer from other medical schools. | 6 Total. | Left, died, etc., during the year. |    |    |  |                                      |   |  |  | 15 Total. | 16 Remained at the end of the year. | 17 Average monthly number of pupils. | 18 Average daily attendance. |
|-----------|--|-----|---------------------------|------------------------------|--|----------|------------------------------------|----|----|--|--------------------------------------|---|--|--|-----------|-------------------------------------|--------------------------------------|------------------------------|
|           | 1  | 2   |                           |                              |  |          | 3                                  | 4  | 5  | 7 Left the school after having passed the final Examination. | 8 Removed for absence without leave. | 9 Removed for non-payment of school fees. | 10 Removed for failure at the school test examination. | 11 Punished or removed for misconduct. |           |                                     |                                      |                              |
| 1943-43   | ..   | 105 | 50                        | 13                           | 2  | 170      | 4                                  | .. | 18 | 4  | 2                                    | ..  | 10   | ..                                     | 38        | 132                                 | 166.84                               | 141.36                       |
| 1943-44   | ..   | 132 | 28                        | 20                           | 2  | 182      | 12                                 | .. | 34 | 3  | ..                                   | ..  | 6  | ..                                     | 55        | 127                                 | 154.68                               | 138.27                       |

TABLE B.

Statement showing the classification of students according to religion and nationality taught in and passed out during the year 1943-44 from the Jackson Medical School, Jalpaiguri.

| Classification.     | Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year. |         | Number passed out during the year in the final Examination as L.M.F. or Final Licentiate'ship Examination of the State Medical Faculty of Bengal. |         |
|---------------------|---|---------|---|---------|
|                     | Male.   | Female. | Male.   | Female. |
| 1                   | 2   | 3       | 4   | 5       |
| <i>Religion.</i>    |   |         |   |         |
| (1) Hindus—         |   |         |   |         |
| (a) Brahmins ..     | 52  | ..      | 2   | ..      |
| (b) Non-Brahmins .. | 82  | ..      | 8   | ..      |
| (2) Muslims ..      | 48  | ..      | 2   | ..      |
| Total               | 182   | ..      | 12  | ..      |
| <i>Nationality.</i> |   |         |   |         |
| (1) Bengalees ..    | 180   | ..      | 11  | ..      |
| (2) Napalees ..     | 2   | ..      | 1   | ..      |
| Total ..            | 182   | ..      | 12  | ..      |

TABLE C.

Statement showing the classification according to preliminary general education of students admitted during the year 1943-44 and the previous year in the Jackson Medical School, Jalpaiguri.

| Classification.                              | Hindus. |         | Muslims. |         | Christians. |         | Others. |         |
|--|---------|---------|----------|---------|-------------|---------|---------|---------|
|  | Male.   | Female. | Male.    | Female. | Male.       | Female. | Male.   | Female. |
| 1  | 2       | 3       | 4        | 5       | 6           | 7       | 8       | 9       |
| 1942-43.                                     |         |         |          |         |             |         |         |         |
| I. A. or I.Sc. .. .. .                       | 4       | ..      | 1        | ..      | ..          | ..      | ..      | ..      |
| Matriculation or its equivalent examination. | 32      | ..      | 13       | ..      | ..          | ..      | ..      | ..      |
| 1943-44.                                     |         |         |          |         |             |         |         |         |
| I.A. or I.Sc. .. .. .                        | 4       | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| Matriculation or its equivalent examination. | 18      | ..      | 6        | ..      | ..          | ..      | ..      | ..      |

**Statement showing the results of the examinations of the State Medical Faculty of Bengal during the year 1943-44 and the previous year.**

77

TABLE

## Statement showing the income and expenditure of the Jackson Medical

| Heads or Receipts.<br><br>1                         | Income.       |               |           |           |
|---|---------------|---------------|-----------|-----------|
|   | 1942-43.      | 1943-44.      | Increase. | Decrease. |
|   | 2             | 3             | 4         | 5         |
|   | Rs.           | Rs.           | Rs.       | Rs.       |
| <b>Receipts from other sources than Government—</b> |               |               |           |           |
| School fees .. .. .                                 | 14,040        | 13,602        | ..        | (a) 438   |
| Entrance fees .. .. .                               | 302           | 278           | ..        | (a) 24    |
| Miscellaneous .. .. .                               | 800           | 675           | ..        | (a) 125   |
| Mohain Fund .. .. .                                 | 800           | 870           | (b) 70    | ..        |
| Interest from endowment .. .. .                     | 8,505         | 8,505         | ..        | ..        |
| <b>Total ..</b>                                     | <b>24,447</b> | <b>23,930</b> | <b>..</b> | <b>..</b> |
| <b>Received from Government ..</b>                  | <b>23,029</b> | <b>28,535</b> | <b>..</b> | <b>..</b> |
| <b>Grand total ..</b>                               | <b>47,476</b> | <b>52,465</b> | <b>..</b> | <b>..</b> |

(a) Due to decrease in the number of students.

(b) Due to greater amount sanctioned.

(c) Due to posting of some senior officers and periodical increments.

(d) Due to increase in the number of scholarships.

(e) Due to enhanced rate of dearness allowance to contingency menials.

J ALPAIGURI;

*The 18th December 1944.*

E.

School, Jalpaiguri, during the year 1943-44 and the previous year.

| Heads of Expenditure.                   | Expenditure. |          |           |           |
|---|--------------|----------|-----------|-----------|
|   | 1942-43.     | 1943-44. | Increase. | Decrease. |
|   | 7            | 8        | 9         | 10        |
| 6                                       | Rs.          | Rs.      | Rs.       | Rs.       |
| Establishment .. .. .                   | 34,992       | 37,125   | (c) 2,133 | ..        |
| Scholarships and prizes .. .. .         | 4,357        | 4,515    | (d) 158   | ..        |
| Mohain Fund .. .. .                     | 800          | 870      | (d) 70    | ..        |
| Contingencies .. .. .                   | 2,221        | 3,540    | (e) 1,319 | ..        |
| Purchase of books .. .. .               | 395          | 97       | ..        | (f) 298   |
| Rents, rates and taxes .. .. .          | 788          | 825      | (g) 37    | ..        |
| Medicine and Instrument .. .. .         | 1,365        | 1,274    | ..        | (h) 91    |
| Stationery and forms .. .. .            | 182          | 332      | (i) 150   | ..        |
| Games .. .. .                           | 200          | 200      | ..        | ..        |
| House rent and other allowances .. .. . | 1,567        | 2,412    | (j) 845   | ..        |
| Livery to menials .. .. .               | 127          | ..       | ..        | (k) 127   |
| Travelling allowance .. .. .            | 482          | 1,275    | (l) 793   | ..        |
| Total ..                                | 47,476       | 52,465   | ..        | ..        |

(f) Due to less amount sanctioned for books.

(g) Due to increase in the rate of tax.

(h) Due to less requirements.

(i) Due to increase in cost and more requirements.

(j) Due to enhanced rate of dearness allowance to men in superior service.

(k) Due to biennial supply of liveries.

(l) Due to more number of transfers.

J. H. CAVERHILL, CAPT., I.M.S.,  
*Superintendent, Jackson Medical School, Jalpaiguri.*

# **The Annual Report of the Working of the Calcutta Medical Institute for the year 1943-44.**

## **I—Building and Equipment.**

(a) Abnormal situation and the exorbitant prices of materials stood in the way of constructing any new building or special structure in the year under report.

(b) No special equipment for developing clinical or teaching facilities apart from normal routine replacements were provided for the year.

## **II—Admissions to the first year class.**

Out of 172 applicants for admission into the first year class 100 students were admitted by the selection committee, appointed by the Executive Committee for the purpose.

The educational qualifications of the students were as follows:—

|                         |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|
| B.Sc.                   | ... | ... | ... | ... | 1   |
| I.Sc.                   | ... | ... | ... | ... | 11  |
| I.A.                    | ... | ... | ... | ... | 1   |
| Matriculation           | ... | ... | ... | ... | 81  |
| High School Examination | ... | ... | ... | ... | 5   |
| H. S. L. C.             | ... | ... | ... | ... | 1   |
| Total                   |     |     |     |     | 100 |

## **III—Session.**

The session like the previous year commenced in September instead owing to the late publication of the results of the Matriculation Examination in the "Calcutta Examination Gazette" with the natural consequence that the courses of students were shortened to the great detriment to the progress of the studies.

## **IV—Results of Examination.**

The results of the previous two examinations are shown in Table D.

## **V—Courses of Instruction.**

(A) **Pre-clinical courses.**—(i) **Physics and Chemistry.**—The systematic lectures were delivered by the Teachers of Physics and Chemistry in the lecture theatre of the Indian Association for the Cultivation of Science. The demonstrations were given by the teachers concerned with the assistance of two research scholars belonging to the Association and paid for the purpose by the Institute. In addition the Assistant Teacher gave demonstrations



thrice weekly in the use of the various instruments and appliances laid down in the practical course under the regulations.

(ii) **Anatomy.**—The systematic lectures were delivered by the Teacher of Anatomy. The four Assistant Teachers held demonstration classes in Osteology, Brains and Viscera and supervised the dissections carried out by the students. The lectures and demonstrations were supplemented with diagrams and sketches made on the blackboard.

The number of bodies dissected by students was 38 and the average number of students per body was 14. Every student was examined in each part assigned to him for dissection and had to satisfy the examiner before he was given a further part to dissect; after completing the dissection of one part each student had to appear before the teacher for completion examination before allotment of next part.

Special revision classes were held on bones, viscera, identification of structures on dissected specimens and brains and surface marking for the failed students. Special examinations were also held by the teacher monthly covering the whole of anatomy in parts by rotation. Corrected papers were returned to the students and comment and discussions were held on those particular questions.

(iii) **Physiology.**—The systematic lectures were delivered by the teacher of the subject and practical classes were taken in accordance with the requirements of the syllabus by the three assistant teachers, on the lines reported in previous years. Tutorial classes and periodical examinations were held throughout the session. Special classes were taken by the teacher after the test examination.

(iv) **Materia Medica.**—The courses of lectures were delivered by the teacher concerned. The two assistant teachers took demonstration classes in the recognition of crude drugs and their more important preparations and held the practical pharmacy classes and exercises in dispensing.

(B) **The Clinical Courses.**—(i) **Pathology.**—The courses of lectures in general and special pathology and Elementary Bacteriology, Morbid Anatomy and Histology, were delivered by the Teacher to the third and final year students, while the two assistant teachers took the practical classes to meet the requirements of the syllabus. The naked eye and microscopical appearances produced by disease were taught in these classes. Five post mortems were held during the year. Clinical microscopy and laboratory technique were taught by the clinical pathologist to the hospital and the students carried out routine urine testing, examination of faeces and sputa and the examination of blood slides under his supervision. A list of the clinical examinations for the hospital carried out by the department is given in Appendix A.

(ii) **Medicine.**—The systematic lectures in the principles and practice of medicine including common tropical diseases were given by the Teacher of Medicine. Besides, ward clinics were given by the two visiting physicians including the teacher, and their respective deputies, the latter also gave instructions twice weekly in clinical methods. Students were detailed for six months as clinical clerks in the wards and three months in the Medical Out-patients' Department during the third and final year courses. In the Out-patients' Department the clinical instructions were given by the Deputy Physicians on their respective days of attendance. Both in the wards as well as in the Out-patients' Department the students were taught the technique of hypodermic, intra-muscular and intra-venous methods of medication. There were four beds reserved for treatment of cerebro-spinal

fever cases under the charge of a visiting physician who was the Teacher of Medical Jurisprudence also. Besides the clinical aspects of the disease, its diagnosis and treatment, the students were taught in the section the technique of lumbar puncture.

Instructions in the use of the ophthalmoscope and in the appearances of the fundus seen through this instrument were in the Ophthalmic Out-patients' Department.

(iii) **Surgery.**—The systematic lectures were given by the Teacher of Surgery and a course in minor operative surgery was held by Teacher of Operative Surgery. Clinical instructions were given by the visiting surgeons to the attached hospital and their deputies. The students were detailed as surgical dressers for six months in the wards and three months in the surgical Out-patients' Department during the third and final years of study. The instructions in regional anatomy were given by the Teacher of Operative Surgery and those in minor surgery, bandaging, use of instruments and appliances and interpretation of radiograms were given by the Deputy Surgeons. The proportion of students to beds under peace time ratio was 1:1.6.

**Ophthalmic Surgery.**—Special lectures were delivered by the Teacher of Ophthalmic Surgery and Visiting Ophthalmic Surgeons; bedside instructions were given by him and in the wards and in the Out-patients' Department by his Deputy.

(iv) **Midwifery and Gynaecology.**—The course of systematic lectures were delivered by the Teacher of Midwifery and Gynaecology to third and final year students. The courses included lectures on applied anatomy and physiology, management of pregnancy, labour and puerperium, infant hygiene and neo-natal care. Demonstrations with the aid of dummy and mannikin and in the use of instruments were given by the Deputy Gynaecologist. Every student in the final year was detailed in batches for three months' attendance in the Obstetrical and Gynaecological Wards containing thirty beds. Each final student conducted two labour cases and witnessed six labour cases and wrote down confinement notes and details of treatment of their cases. The labour is conducted by a specially trained maternity labour room nurse.

Clinical instructions were given in the wards by the Teacher and his Deputies. Gynaecological operations are done by the respective surgeon and the student-in-charge of the case must work as an assistant during operation. The students are also required to learn the art of giving anaesthesia under the supervision of the Anaesthetist-in-charge. During the operation practical demonstration was done about the steps of the operations.

The students are allowed to examine P. V. their individual cases under the supervision of the visiting gynaecologist. They are allowed to give injections I. V. and I. M. under the supervision of the House Surgeon.

Students are detailed to do special duty after all abdominal operations in batches, and all cases of eclampsies.

(v) **Medical Jurisprudence.**—The course of lectures was delivered by the Teacher of Medical Jurisprudence. The students attended medico-legal post mortems in the Campbell Hospital.

(vi) **Hygiene.**—The systematic lectures illustrated by models was delivered by the Teacher of Hygiene. It included two excursions to places of public health interest in and about the vicinity of the town to demonstrate conservancy methods applicable to rural areas for disposal of refuse.

## VI—Library.

The library contained 1,188 volumes of books and journals, some being books of reference and other monthly text-books generally used by students. Fifteen volumes of books and journals have been added in the year under report.

## VII—Arrangement for residence of students.

The institution has no recognised hostel of its own. There is only a mess attached to the institution run by the students themselves. This is a cause of embarrassment to many who hail from mofussil districts and have to find accommodation with friends, relatives or club together in private messes.

## VIII—Sports.

There is no playing ground belonging to the school or shared by the school with other institutions. The students have to hire such play-grounds as may be available in order to keep up sporting activities. Increasing difficulties were met with in hiring such grounds during the year under report. Owing to greater demand and increased rate of charges, only a limited amount of play such as football could be arranged for during the year.

## IX—Conduct and discipline of students.

A great deal of difficulty was experienced by students in obtaining food materials and necessary supplies during the general food crisis of Bengal and the economic resources of many students were strained to utmost limits. Under these trying circumstances the fortitude and equanimity displayed by the students in confronting many of the adverse circumstances with which they had to contend were of a praise worthy character. Besides the fine generous spirit and initiative displayed by the students in organising a variety entertainment in aid of Bengal Famine Relief and success attained was appreciable indeed.

## X—The Staff.

There were no important changes in the staff of the institution during the year under report. A list of the Teaching Staff is given in Appendix B.

**The Hospital.**—(i) Fifty per cent. of the available beds in the hospital were held in reserve for air-raid cases during the year under report. The number of in-patients and out-patients (new cases only) treated during the year were 2,620 and 30,794, respectively. The number of confinements in the hospital in 1943 was 279.

(ii) The total number of operations performed under all heads during the year was 2,213. A list of selected operations performed during the year is given in Appendix C.

B. C. CHATTERJEE,  
Civil Surgeon (Retd.),  
Superintendent, Calcutta Medical School.

## ANNEXURE I.

1. **One four-storeyed hospital building.**—It contains the General Out-patients' and Casualty Departments and also the dispensary on the ground floor, 68 beds on the first and second floors including Clinical Laboratory and the nurses' class-room, store-room and kitchen on the top-floor.

2. **Another four-storeyed hospital building**—accommodating 105 indoor beds, two operation theatres—one fitted with a big shadowless light, dressing and douche rooms, labour rooms, waiting rooms, for visiting staffs, nurses' quarters, quarters for indoor house staffs and family quarters for the Resident Medical Officer. There is also an electrically-operated lift which can carry a wheeled stretcher.

3. **One three-storeyed building** with marble floors for dissection hall and other necessities for the Anatomy Department, including the museum. This building also accommodates the practical class rooms for Physiology and Pathology and Pathological Post-mortem Room and Museum. On the ground floor there is a mortuary cooler having a capacity for 12 bodies now out of order.

4. **A lecture theatre** with pucca walls, patent stones flooring and (Pabco) ceiling with an accommodation for more than 200 students.

5. **One three-storeyed building** adjoining the school premises accommodates on the ground floor X-Ray Department, and the Eye Section of the Out-patients' Department, on the first floor—offices, common room for girl students, library, general store-rooms and on the top floor the Materia Medica and practical pharmacy class rooms and a museum in which models and charts referring to Medical Jurisprudence and Hygiene are exhibited.

6. **There is an open plot** measuring about 8 cottahs adjoining the above is available for playing badminton, etc.

7. **A three-storeyed building** with an open land covering an area of about 9 cottahs of land has been acquired for further extension of the school.

---

## ANNEXURE II.

### List of staff of the school.

#### Superintendent—

Dr. B. C. Chatterji, Civil Surgeon (retd.).

#### Medicine—

Dr. S. C. Chatterjee, M.R.C.S., M.R.C.P., Teacher of Medicine.

Dr. G. N. Roy, M.B., Junior Visiting Physician, gives clinics to the students.

Dr. S. K. Mukherjee, M.B., M.R.C.P. (London), D.T.M. & H. (London), Junior Visiting Physician, gives clinics to the students.

#### Surgery—

Captain S. Maitra, F.R.C.S.E., Teacher of Surgery.

Dr. B. Mitra, M.B.C.S. (Eng.), F.R.C.S.E., L.M. (Dub.), Teacher of Operative Surgery.

Dr. K. C. Mukherjee, M.B., Junior Visiting Surgeon, gives clinics to the students and take Minor Surgery and Bandaging classes.

Dr. R. N. Ghosh, M.B., F.R.C.S.E., Junior Visiting Surgeon, gives clinics to the students.

Dr. G. C. Banerjee, M.B., D.O. (Oxon), D.O.M.S. (London), Teacher of Ophthalmic Surgery.

Dr. S. N. Sen, M.B., Junior Visiting Ophthalmic Surgeon, gives clinics to the students.

#### Pathology—

Dr. Santiram Chatterjee, L.M.S., Teacher of Pathology.

Dr. S. K. Sen, M.B., Assistant Teacher of Pathology.

Dr. R. N. Bhattacharyya, M.B., Assistant Teacher of Pathology.

Dr. M. C. Ganguly, L.M.F., Clinical Pathologist.

#### Midwifery—

Dr. J. C. Chatterjee, L.M.S., Teacher of Midwifery.

Dr. S. K. Gupta, M.B., Additional Visiting Gynæcologist, takes clinical Midwifery classes.

Dr. Subodh Chandra Mukherjee, Junior Visiting Gynæcologist, gives clinics to the students.

#### Medical Jurisprudence—

Captain S. K. Bose, M.B., I.M.S. (retd.), Teacher of Medical Jurisprudence.

#### Hygiene—

Dr. B. K. Dutta, L.M.F., Teacher of Hygiene.

#### Anatomy—

Dr. M. L. Pan, M.B., M.R.C.S. (Eng.), F.R.C.S.E., Teacher of Anatomy.

Dr. B. K. Bose, M.B., Assistant Teacher of Anatomy.

Dr. A. D. Mukherjee, L.M.F., Assistant Teacher of Anatomy.

Dr. J. Nandi, L.M.F. (Bengal), M.B., Assistant Teacher of Anatomy.

Dr. A. P. Mullick, L.M.F., Assistant Teacher of Anatomy.

#### Physiology—

Dr. A. K. De, B.Sc., M.B., Teacher of Physiology.

Dr. K. C. Chakravorty, L.M.F., Assistant Teacher of Physiology.

Dr. U. P. Ghosal, L.M.F., Assistant Teacher of Physiology.

Dr. B. B. Roy, L.M.F., Assistant Teacher of Physiology.

#### Materia Medica—

Captain S. K. Sen, M.B., I.M.S. (retd.), Teacher of Materia Medica.

Rai Sahib Dr. S. Chatterjee, B.Sc., M.B., Assistant Teacher of Materia Medica.

Dr. Subodh Chandra Mukherjee, L.M.F., Assistant Teacher of Materia Medica.

#### Physics and Chemistry—

Professor M. Sinha, B.A., F.C.S., Teacher of Chemistry.

Professor G. C. Bhattacharyya, M.Sc., Teacher of Physics.

Dr. B. C. De, B.Sc., (Hons.), Assistant Teacher of Physics.

### List of Hospital Staff, 1943-44.

#### Superintendent—

Rai Dr. J. C. Chatterjee Bahadur, up to 24th August 1943, Lt.-Col.  
J. C. De, up to 20th March 1944, Dr. Santiram Chatterjee.

#### Medical Wards—

Captain S. K. Sen, M.B. (Honorary Visiting Physician).  
Dr. S. C. Chatterjee, M.B., M.R.C.P. (Honorary Visiting Physician).  
Captain S. K. Bose, M.B. (Honorary Visiting Physician).  
Dr. S. K. Mukherjee, M.R.C.P., D.T.M. (Junior Visiting Physician).  
Dr. G. N. Roy, M.B. (Junior Visiting Physician).

#### Surgical Wards—

Captain S. Maitra, L.M.S., F.R.C.S. (Edin.), (Honorary Visiting Surgeon).  
Dr. B. Mitra, F.R.C.S. (Honorary Visiting Surgeon).  
Dr. K. C. Mukherjee, M.B. (Junior Visiting Surgeon).  
Dr. R. N. Ghose, M.B., F.R.C.S. (Junior Visiting Surgeon).

#### Gynæcological and Obstetrical Wards—

Rai Dr. J. C. Chatterjee Bahadur, L.M.S., F.S.M.F. (Honorary Visiting Gynæcologist).  
Dr. S. K. Gupta, M.B. (Honorary Additional Visiting Gynæcologist).  
Dr. A. K. Basu, M.B. (Junior Visiting Gynæcologist).  
Dr. S. C. Mukherjee, M.B. (Junior Visiting Gynæcologist).

#### Ophthalmic Department—

Dr. G. C. Banerjee, M.B. (Cal.), D.O. (Oxon), (Honorary Visiting Ophthalmic Surgeon).  
Dr. S. N. Sen, M.B. (Junior Honorary Visiting Ophthalmic Surgeon).

#### Pathological Department—

Dr. Santiram Chatterjee, L.M.S. (Honorary Visiting Pathologist).  
Dr. S. K. Sen, M.B. (Honorary Assistant Visiting Pathologist).  
Dr. R. N. Bhattacharyya, M.B. (Honorary Assistant Visiting Pathologist).  
Dr. Manik Chandra Ganguly, Clinical Pathologist.

#### X-Ray Department—

Captain M. Mukherjee, M.B., D.M.R.E. (Radiologist).  
Dr. B. Bose (Honorary Assistant Radiologist).

#### Resident Medical Officer—

Dr. J. L. Sen Gupta, L.M.F.

#### Registrar of Hospital—

Dr. T. P. Ganguly, L.M.F.

#### Out-door Department—

Dr. I. B. Roy, M.B. (Surgeon and Officer-in-charge).  
Dr. Mrs. Gertie D'Cruze, L.M.F. (Lady Doctor).

TABLE A.

Statement showing the attendance of students of the Calcutta Medical School during the year 1943-44 and the previous year.

| Sessions. | 1  | 2  | 3                         | 4                           | 5  | 6      | Left, died, etc., during the year.              |                                    |   |  |                                       |                                       |                              |       | 15     | 16                               | 17                                | 18                        |
|-----------|----|--|---------------------------|-----------------------------|--|--------|---|------------------------------------|---|--|---------------------------------------|---------------------------------------|------------------------------|-------|--------|----------------------------------|-----------------------------------|---------------------------|
|           |    |  |                           |                             |  |        | 7   | 8                                  | 9                                       | 10   | 11                                    | 12                                    | 13                           | 14    |        |                                  |                                   |                           |
|           |    | Remained in the year from the previous year. | Admitted during the year. | Readmitted during the year. | Admitted on transfer from other medical schools. | Total. | Left after having passed the Final Examination. | Removed for absence without leave. | Removed for non-payment of school fees. | Removed for failure at the Test Examination. | Removed or rusticated for misconduct. | Transferred to other medical schools. | Resigned, left or otherwise. | Died. | Total. | Remained at the end of the year. | Average monthly number of pupils. | Average daily attendance. |
| 1942-43.* |    |  |                           |                             |  |        |   |                                    |   |  |                                       |                                       |                              |       |        |                                  |                                   |                           |
| Male      | .. | 335  | 98                        | 6                           | 1  | 440    | 54  | ..                                 | 43                                      | 26   | ..                                    | 4                                     | 2                            | ..    | 129    | 311                              | 354.75                            | ..                        |
| Female    | .. | 3  | 2                         | ..                          | ..   | 5      | ..  | ..                                 | 1                                       | ..   | ..                                    | 1                                     | ..                           | ..    | 2      | 3                                | 3.35                              | ..                        |
| 1943-44.  |    |  |                           |                             |  |        |   |                                    |   |  |                                       |                                       |                              |       |        |                                  |                                   |                           |
| Male      | .. | 311  | 97                        | 1                           | ..   | 409    | 32  | ..                                 | 54                                      | 12   | ..                                    | 4                                     | 1                            | ..    | 103    | 306                              | 342.08                            | ..                        |
| Female    | .. | 3  | 3                         | ..                          | ..   | 6      | ..  | ..                                 | 2                                       | ..   | ..                                    | ..                                    | ..                           | ..    | 2      | 4                                | 5.00                              | ..                        |

\* (1) Average daily attendance approximate during pre-clinical year's : Male—156.76 and female 3.84.

(2) Final year's—127.35.

TABLE B.

Classification of students according to religion and nationality taught in and passed out during the year 1943-44 of the Calcutta Medical School.

| Classification.<br><br>1  | Total number of students taught during the year, i.e., the number from the previous year and the number admitted during the year. |              | Number passed out during the year in the Final Examination as L. M. F. or Final Licentiate Examination of the State Medical Faculty of Bengal. |              |
|---------------------------|---|--------------|--|--------------|
|                           | Male.<br>2  | Female.<br>3 | Male.<br>4   | Female.<br>5 |
| <i>Religion.</i>          |   |              |  |              |
| 1. Indian Christian .. .. | ..  | 2            | ..   | ..           |
| 2. Hindu—                 |   |              |  |              |
| (a) Brahmin .. ..         | 118   | 1            | 11   | ..           |
| (b) Non-Brahmin .. ..     | 277   | 3            | 20   | ..           |
| 3. Brahmo .. ..           | ..  | ..           | ..   | ..           |
| 4. Mahomedan .. ..        | 14  | ..           | 1  | ..           |
| 5. Chinese .. ..          | ..  | ..           | ..   | ..           |
| Total .. ..               | 409   | 6            | 32   | ..           |
| <i>Nationality.</i>       |   |              |  |              |
| 1. Bengalees. .. ..       | 385   | 3            | 30   | ..           |
| 2. Chinese .. ..          | ..  | ..           | ..   | ..           |
| 3. Nepalese .. ..         | ..  | ..           | ..   | ..           |
| 4. Madrasis .. ..         | 6   | ..           | ..   | ..           |
| 5. Anglo-Burmese .. ..    | ..  | ..           | ..   | ..           |
| 6. Others .. ..           | 18  | 2            | 2  | ..           |
| Total .. ..               | 409   | 6            | 32   | ..           |



TABLE C.

**Classification according to preliminary general education of the students admitted during the year 1943-44 and the previous year in the Calcutta Medical School.**

| Classification.       | Hindus. |         | Muslims. |         | Christians. |         | Others. |         |
|-----------------------|---------|---------|----------|---------|-------------|---------|---------|---------|
|                       | Male.   | Female. | Male.    | Female. | Male.       | Female. | Male.   | Female. |
| 1                     | 2       | 3       | 4        | 5       | 6           | 7       | 8       | 9       |
| 1942-43.              |         |         |          |         |             |         |         |         |
| B. A. or B.Sc. ..     | ..      | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| I. A. or I.Sc. ..     | 10      | ..      | ..       | ..      | 1           | ..      | ..      | ..      |
| Matriculation ..      | 86      | 1       | 7        | ..      | ..          | ..      | ..      | ..      |
| School Final, etc. .. | 1       | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| 1943-44.              |         |         |          |         |             |         |         |         |
| B. A. or B.Sc. ..     | 1       | ..      | ..       | ..      | ..          | ..      | ..      | ..      |
| I. A. or I.Sc. ..     | 11      | 1       | ..       | ..      | ..          | ..      | ..      | ..      |
| Matriculation ..      | 77      | 1       | 3        | ..      | 1           | ..      | ..      | ..      |
| School Final, etc. .. | 4       | ..      | 1        | ..      | ..          | 1       | ..      | ..      |

**TABLE D.**

**Statement showing the results of the examinations of the State Medical Faculty of Bengal during the year 1943-44 and the previous year in the Calcutta Medical School.**

| Session.  | Final Licentiate-ship Examination. |                      |                    |                      |                       |                      | Intermediate Licentiate-ship Examination. |                      |                    |                      |                       |                      | Primary Licentiate-ship Examination. |                      |                    |                      |                       |                      |
|-----------|------------------------------------|----------------------|--------------------|----------------------|-----------------------|----------------------|---|----------------------|--------------------|----------------------|-----------------------|----------------------|--------------------------------------|----------------------|--------------------|----------------------|-----------------------|----------------------|
|           | Number appeared.                   |                      | Number passed.     |                      | Percentage of passed. |                      | Number appeared.                          |                      | Number passed.     |                      | Percentage of passed. |                      | Number appeared.                     |                      | Number passed.     |                      | Percentage of passed. |                      |
|           |                                    |                      |                    |                      |                       |                      |   |                      |                    |                      |                       |                      |                                      |                      |                    |                      |                       |                      |
|           | April Examination.                 | October Examination. | April Examination. | October Examination. | April Examination.    | October Examination. | April Examination.                        | October Examination. | April Examination. | October Examination. | April Examination.    | October Examination. | April Examination.                   | October Examination. | April Examination. | October Examination. | April Examination.    | October Examination. |
| 1         | 2                                  | 3                    | 4                  | 5                    | 6                     | 7                    | 8   | 9                    | 10                 | 11                   | 12                    | 13                   | 14                                   | 15                   | 16                 | 17                   | 18                    | 19                   |
| 1942-43.  |                                    |                      |                    |                      |                       |                      |   |                      |                    |                      |                       |                      |                                      |                      |                    |                      |                       |                      |
| Male ..   | 59                                 | 53                   | 25                 | 29                   | 32.2                  | 54.72                | 83  | 74                   | 23                 | 38                   | 27.71                 | 51.35                | 60                                   | 16                   | 44                 | 10                   | 73.3                  | 62.5                 |
| Female .. | ..                                 | ..                   | ..                 | ..                   | ..                    | ..                   | 3   | 2                    | ..                 | ..                   | ..                    | ..                   | ..                                   | ..                   | ..                 | ..                   | ..                    | ..                   |
| 1943-44.  |                                    |                      |                    |                      |                       |                      |   |                      |                    |                      |                       |                      |                                      |                      |                    |                      |                       |                      |
| Male ..   | 44                                 | 47                   | 12                 | 20                   | 27.27                 | 42.55                | 53  | 47                   | 20                 | 13                   | 37.74                 | 27.68                | 74                                   | 15                   | 47                 | 10                   | 63.51                 | 66.67                |
| Female .. | ..                                 | ..                   | ..                 | ..                   | ..                    | ..                   | 1   | 1                    | ..                 | 1                    | ..                    | 100.0                | 2                                    | ..                   | 2                  | ..                   | 100.0                 | ..                   |

## **Table E**

TABLE

## Statement showing the income and expenditure of the Calcutta Medical

| Heads of receipts.<br><br>1 | Income.       |               |                |                   |
|-----------------------------|---------------|---------------|----------------|-------------------|
|                             | 1942-43.<br>2 | 1943-44.<br>3 | Increase.<br>4 | Decrease.<br>5    |
|                             | Rs. a. p.     | Rs. a. p.     | Rs. a. p.      | Rs. a. p.         |
| Fees, fines .. ..           | 58,539 4 0    | 51,904 8 0    | ..             | (a)<br>6,634 12 0 |
| Miscellaneous .. ..         | 8,329 7 0     | 7,646 7 0     | ..             | (b)<br>683 0 0    |
| Opening Balance .. ..       | 3,207 10 9    | 2,971 5 1     | ..             | (c)<br>236 5 8    |

(a) Decrease is due to less amount of fees collected.

(b) Decrease is due to less number of students than previous year.

(c) Decrease is due to larger expenditure owing to dearness of article.

E.

**School during the year 1943-44 and the previous year.**

| Heads of expenditure.                                   | Expenditure. |            |             |             |
|---|--------------|------------|-------------|-------------|
|   | 1942-43.     | 1943-44.   | Increase.   | Decrease.   |
|   | 6            | 7          | 8           | 9           |
|   | Rs. a. p.    | Rs. a. p.  | Rs. a. p.   | Rs. a. p.   |
| Establishment ..  | 32,134 0 0   | 32,877 0 0 | (d) 743 0 0 | ..          |
| Hospital fees (for students attending other hospitals). | Nil          | Nil        | Nil         | ..          |
| Practical charges ..                                    | 2,070 0 0    | 1,966 0 0  | ..          | (e) 104 0 0 |
| Miscellaneous ..  | 4 11 0       | Nil        | ..          | (f) 4 11 0  |
| Gas and electricity ..                                  | 553 0 0      | 762 0 0    | (g) 209 0 0 | ..          |
| Furniture ..  | 11 8 0       | 80 0 0     | (h) 68 8 0  | ..          |
| Instrument and appliances                               | 27 8 0       | 48 0 0     | (i) 20 8 0  | ..          |
| Contribution for the maintenance of the hospital.       | 15,000 0 0   | 15,000 0 0 | ..          | ..          |
| House property purchase account.                        | Nil          | Nil        | ..          | ..          |

(d) Increase is due to payment of dearness allowance and increment of pay of staff.

(e) Decrease is due to economic consumption in the use of reagent and apparatus.

(f) No expenditure in increase during the year under review.

(g) Increase due to greater consumption.

(h) Increase due to larger purchases of furniture.

(i) Increase due to larger purchases of instruments.

**APPENDIX A.****List of Clinical Examination in Pathological Department for the year 1943-44  
(1st April to 31st March 1944).****Blood—**

|                                  |    |    |    |    |    |       |
|----------------------------------|----|----|----|----|----|-------|
| 1. Counts                        | .. | .. | .. | .. | .. | 1,996 |
| 2. Malarial parasites            | .. | .. | .. | .. | .. | 816   |
| 3. Aldehyde test and Chopra test | .. | .. | .. | .. | .. | 117   |
| 4. Widal                         | .. | .. | .. | .. | .. | 112   |
| 5. Culture                       | .. | .. | .. | .. | .. | 34    |
| 6. Coagulation Time              | .. | .. | .. | .. | .. | 680   |
| 7. Chemical                      | .. | .. | .. | .. | .. | 87    |
| 8. Wassermann Reaction           | .. | .. | .. | .. | .. | 34    |
| 9. Other examinations            | .. | .. | .. | .. | .. | 34    |

**Urine—**

|                    |    |    |    |    |    |     |
|--------------------|----|----|----|----|----|-----|
| 1. General         | .. | .. | .. | .. | .. | 676 |
| 2. Bacteriological | .. | .. | .. | .. | .. | 150 |

**Stool—**

|                    |    |    |    |    |    |     |
|--------------------|----|----|----|----|----|-----|
| 1. Microscopical   | .. | .. | .. | .. | .. | 555 |
| 2. Chemical        | .. | .. | .. | .. | .. | 8   |
| 3. Bacteriological | .. | .. | .. | .. | .. | 19  |

**Sputum—**

|                    |    |    |    |    |    |     |
|--------------------|----|----|----|----|----|-----|
| 1. Microscopical   | .. | .. | .. | .. | .. | 134 |
| 2. Bacteriological | .. | .. | .. | .. | .. | 6   |

**C. S. Fluid—**

|                    |    |    |    |    |    |    |
|--------------------|----|----|----|----|----|----|
| 1. Microscopical   | .. | .. | .. | .. | .. | 13 |
| 2. Chemical        | .. | .. | .. | .. | .. | 8  |
| 3. Bacteriological | .. | .. | .. | .. | .. | 16 |

**Histological—**

|                                    |    |    |    |    |    |     |
|------------------------------------|----|----|----|----|----|-----|
| 1. Histological Examination Tissue | .. | .. | .. | .. | .. | 44  |
| 2. Gastric contents                | .. | .. | .. | .. | .. | 57  |
| 3. Other Bacteriological           | .. | .. | .. | .. | .. | 183 |
| 4. Vaccine                         | .. | .. | .. | .. | .. | 67  |
| 5. Other examinations              | .. | .. | .. | .. | .. | 18  |

**APPENDIX B.****Governing Body of the Calcutta Medical Institute in the year 1943-44.**

(A) Nominated by the Corporation of Calcutta:—

1. Dr. P. K. Ganguly.
2. Dr. Ziauddin Haidar.

**(B) Nominated by the Government of Bengal:—**

1. Rai Dr. A. R. Mazumder Bahadur, Superintendent, Campbell Medical School.
2. Dr. A. K. M. Abdul Wahed, Professor of Clinical Medicine, Carmichael Medical College.

**(C) Elected by the Retiring Executive Committee:—**

1. Dr. Santiram Chatterjee.
2. Captain S. Maitra.

**(D) Elected by the Teachers of the School and Medical Officers of the Hospital:—**

1. Dr. A. K. De.
2. Dr. B. K. Dutta.
3. Dr. K. C. Chakravorty.
4. Dr. R. N. Ghosh.

**(E) Elected by the members of the Calcutta Medical Institute:—**

1. Mr. S. N. Roy.
2. Dr. P. K. Guha.
3. Dr. A. Ahsan.
4. Dr. A. R. Ghosh.
5. Dr. Sachin Sen.
6. Mr. Moni Banerjee.

**(F) Superintendent of the School and Hospital (*ex-officio*):—**

1. Dr. B. C. Chatterji.

**(G) Nominee of the donors of the Mohendra Nath Roy Memorial Ward:—**

1. Mr. Jagneswar Roy.

# Annual Report of the Jatiya Ayurbijnan Vidyalaya or the National Medical Institute, Calcutta, for the year 1943-44.

(Session beginning in July 1943 ending in June 1944.)

## I—Building and Accommodation.

For the purpose of holding lectures for laboratories, dissections and for administration—the accommodation in the existing school building is ample. Besides two big lecture halls, there is an examination hall, which, however, is used as the reading room while the examinations are not on. A room has been given to the students to be used as their common room. There are servants' quarters though not sufficient to accommodate all the menial staff. The school building with its playground and other open spaces covers 9 bighas of land.

The premises of the Chittaranjan Hospital also cover an area of 13 bighas of land and have room for 163 beds *plus* quarters for the nursing staff and some menials. The National Infirmary at 189, Manicktalla Main Road, attached to this institute now accommodates 75 patients, of whom 40 are for T. B. patients. It has got 4 blocks besides menials' quarters.

## II—Teaching and Equipment (L. M. F. course).

More than the prescribed courses of lectures and practical classes were held in all the subjects. The number of classes and demonstrations held was as follows:—

|           |     | Lectures. | Practical demonstrations. |
|-----------|-----|-----------|---------------------------|
| Physics   | ... | ... 44    | 70                        |
| Chemistry | ... | ... 60    | 51                        |

(a) **Physics and Chemistry.**—There were two teachers and an assistant.

(b) **Anatomy Department.**—The number of classes and demonstrations held was as follows:—

The first year and the second year students were given 50 lectures each, of which 6 lectures were delivered combinedly. Total number of students who attended practical classes were 97. Regular students were divided into batches; 5 for the first year and 3 for the second year. The total number of demonstration lectures delivered by the demonstrators were 151. Twenty bodies were dissected during the year under review. The professor was assisted by one Associate Professor and 4 demonstrators. There is a card index system for dissection of parts and examination on dissected parts for student.

(c) **Physiology Department.**—Eighty lectures were delivered to the second year regular batch, 50 to the first year regular, and 40 and 44 to the irregular batches.

Regular first year class was divided into two batches and the regular second year into three batches. Each batch of the first year class was benefited by 18 demonstration classes. Altogether 64 demonstration classes were held by the demonstrators.



(d) **Materia Medica Department.**—Ninety-five systematic lectures were delivered by the Professor-in-charge during the year with the assistance of the Associate Professor to the first year and second year classes. Altogether 140 demonstration classes were held by the demonstrators.

Tutorial classes and practical examination were regularly held. The museum contains more than 400 important specimens.

(e) **Pathology and Bacteriology Department.**—Sixty-three systematic lectures were delivered by the Professor-in-charge during the year. The third and fourth year students received altogether 159 demonstration lectures. Number of pathological post mortem done during the year was 11 against 47 in the previous year. The total number of Pathological, Bacteriological and Serological work done in the year was 953 against 914 in the previous year (excluding the work done in the clinical room of the Chittaranjan Hospital).

(f) **Medicine Department.**—The Professor-in-charge with his Associate Professor delivered 53 lectures. Forty-two tutorial classes were also regularly held. The tutor gave regular instruction in case-taking and in physical diagnosis. Ward training of students were carried in the usual manner in the outdoor and indoor departments.

(g) **Surgery Department.**—The Professor-in-charge with his Associate Professor delivered 100 lectures and tutorial classes, in batches, were held 130 times. Besides these 4 lectures in Ophthalmic Surgery were held. The tutor also taught the students bandaging and minor surgery. Forty Operative Surgery classes were held. Instructions were given in administration of anæsthetics in the Operation Theatre from time to time. Clinics were given to the students by the visiting staff of the Surgical Wards. Instructions were given in Ophthalmology and diseases of the Ear, Nose, Throat.

(h) **Medical Jurisprudence and Hygiene.**—One hundred lectures were held. Special demonstration classes were held and students were taken outside for special demonstrations. Medico-legal post mortem were witnessed by the students at the Police Morgue, Calcutta.

(i) **Midwifery and Gynæcology Department.**—Ninety-eight lectures were delivered in Midwifery, Gynæcology and Pediatrics by Professor-in-charge and Associate Professor. The tutorial classes were held 90 times. Regular clinics were given by the Professor and Associate Professor in the Indoor and Ante-natal Outdoor.

(j) **Hospital Training.**—Instructions on diseases including Eye, Ear, Nose and Throat were imparted in the outdoor and the indoor of the Chittaranjan Hospital. The students attend the Venereal Department of the hospital regularly. The two hospitals attached to the National Medical Institute are:—

(1) Chittaranjan Hospital containing 163 beds.

(2) National Infirmary at Manicktalla containing 75 beds.

Number of labour cases treated at the Chittaranjan Hospital was 447 against 251 in the previous year.

There is a special Tuberculosis Outdoor Department attached to the Chittaranjan Hospital where the Tuberculosis Association of Bengal has been given quarters. Total number of cases attending the T. B. Outdoor was 601, of which 497 cases were new.

(k) **Conduct and attendance of students.**—Conduct has been satisfactory, so also is the percentage of attendance. The results of various examinations under the State Medical Faculty were fairly satisfactory.

(l) **Finances.**—Financial condition of the school is not satisfactory (*vide* table attached elsewhere). Average primary cost per student is approximately Rs. 404 against Rs. 350 last year.

(m) **Establishment.**—Dr. Sundari Mohan Das, M.B., was the Principal and Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), and Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.), were the two Honorary Secretaries, on whom the management of the Institute was vested under the guidance and control of the Executive Committee.

#### (n) Teaching Staff.

##### Medicine—

- Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), Professor-in-charge.
- Dr. D. R. Dhar, M.B., M.R.C.P. (Lond.), D.T.M. (Cal.), Associate Professor.
- Dr. A. K. Sen, M.B., Tutor.
- Dr. N. Mullick, L.M.F., Assistant Clinical Tutor.

##### Surgery—

- Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.), Professor-in-charge.
- Dr. S. N. Chatterjee, M.B., Associate Professor.
- Dr. J. N. Majumdar, M.Sc., M.B., M.R.C.S. (Edin.), F.R.C.S. (Edin.), Clinical Tutor.
- Dr. P. C. Sanyal, M.B., F.R.C.S. (Lond.), Associate Professor.
- Dr. Karun S. Ray, B.Sc., M.B., Clinical Tutor.
- Dr. M. N. Dutta, L.M.F., Assistant Clinical Tutor.

##### Midwifery and Gynæcology—

- Dr. S. Das, M.B., Emeritus Professor.
- Dr. H. N. Roy, M.B., M.R.C.O.G. (Lond.), Professor-in-charge.
- Dr. K. P. Bahadury, M.B., Associate Professor.
- Dr. A. Paul, L.M.F., L.M. (Dub.), Clinical Tutor.

##### Medical Jurisprudence—

- Dr. Captain S. K. Bose, M.B., L.M.S. (retd.), Professor-in-charge.

##### Hygiene—

- Dr. L. M. Biswas, L.M.S., L.R.C.P., D.P.H., D.T.M. & H., Lecturer.
- Dr. M. U. Ahmed, M.B., D.T.M., Associate Lecturer.
- Dr. D. C. Sinha, L.M.F., Assistant Demonstrator.

##### Pathology and Bacteriology—

- Dr. S. K. Basu, M.B., Ch.B. (Edin.), Professor-in-charge.
- Dr. S. N. Roy, M.D., F.R.C.S., Professor of Bacteriology.
- Dr. S. K. Dutta, M.B., Demonstrator.
- Dr. M. N. Sirkar, M.B., Demonstrator.

##### Radiology—

- Dr. D. N. Banerjee, M.D. (Berlin), Lecturer of Radiology.

**Venereal Diseases—**

Dr. B. N. Banerjee, M.B., M.R.C.P., Professor.

**Materia Medica—**

Dr. D. N. Bose, L.R.C.P., M.R.C.S. (Lond.), Professor-in-charge.

Dr. S. C. Lahiri, M.D. (Cal.), Associate Professor.

Dr. J. N. Roy Chowdhury, L.M.F., Demonstrator.

**Anatomy—**

Dr. S. K. Chatterjee, M.B., Professor-in-charge.

Dr. R. N. Ghosh, M.B., F.R.C.S. (Edin.), Associate Professor.

Dr. A. C. Mazumdar, M.B., Demonstrator.

Dr. Q. M. Mussa, M.B., Ch.B. (Edin.), Demonstrator.

Dr. B. N. Bose, L.M.F., Demonstrator.

Dr. S. N. Banerjee, M.B., Demonstrator.

**Physiology—**

Dr. B. C. Ghosh, M.A., M.B., B.C. (Cantab.), Professor-in-charge.

Dr. B. C. Bhattacharjee, B.A., M.B., Demonstrator.

Dr. S. S. Sirkar, L.M.F., Demonstrator (offg.).

**Physics and Chemistry—**

Dr. P. K. Sinha, B.Sc., M.B., Lecturer in Physics.

Dr. B. D. Mukharjee, B.Sc., M.B., F.C.S. (Lond.), Lecturer in Chemistry.

Dr. S. Saha, L.M.F., Assistant Demonstrator.

**Ophthalmology—**

Dr. S. K. Ganguli, M.B., Professor-in-charge.

In addition to the abovenamed teachers Dr. J. K. Dutta, M.B., F.R.C.S. (Lond.), in diseases of the Ear, Nose and Throat, participated in clinical teaching in that subject.

Dr. S. N. Chatterjee, M.B. (part of the year), and Dr. N. K. Brahmachari, M.Sc., M.B., worked as Superintendents of the Chittaranjan Hospital and Dr. B. C. Ghosh, M.A., M.B., B.C. (Cantab.), worked as the Superintendent of the National Infirmary (a home and hospital for the diseased destitutes).

(o) **Free Studentship.**—Altogether 9 students were given free studentship throughout the year.

(p) **Library.**—Books worth Rs. 27 were purchased during the year including journals.

(q) **General notes.**—Because of the war there has been a difficulty in maintaining the standard of education of students. There is a difficulty in obtaining stains and chemicals for preservatives and pathological works. Owing to the dearth of medical manpower and also labour difficulty was felt in maintaining adequate service of the hospitals.

S. C. SEN GUPTA, M.D., F.R.C.S. (Edin.),

*Honorary Secretary.*

**Particulars as required by the Director-General under Annexure I.***Staff of the National Medical Institute.*

Dr. S. Das, M.B., Principal (whole-time).

**Physics and Chemistry Department—**

Dr. P. K. Sinha, M.B., Lecturer (part-time).

Dr. B. D. Mukharjee, M.B., F.C.S., Lecturer (part-time).

Dr. S. Saha, Demonstrator (part-time).

**Physiology Department—**

Dr. B. C. Ghosh, M.A., M.B., B.C., Professor-in-charge (honorary).

Dr. B. C. Bhattacharjee, M.B., Demonstrator (part-time).

Dr. S. S. Sarkar, L.M.F., Assistant Demonstrator (part-time).

**Materia Medica Department—**

Dr. D. N. Basu, L.R.C.P., Professor-in-charge (honorary).

Dr. S. C. Lahiri, M.D., Associate Professor (honorary).

Dr. J. N. Roy Choudhury, L.M.F., Demonstrator (part-time).

**Anatomy Department—**

Dr. S. K. Chatterjee, B.Sc., M.B., Professor-in-charge (honorary).

Dr. R. N. Ghosh, F.R.C.S., Associate Professor (honorary).

Dr. A. C. Mazumdar, M.B., Demonstrator (part-time).

Dr. Q. M. Mussa, M.B., Ch.B. (E.), Demonstrator (part-time).

Dr. B. N. Basu, L.M.F., Demonstrator (part-time).

Dr. S. N. Banerjee, M.B., Demonstrator (part-time).

**Medicine Department—**

Dr. S. C. Sen Gupta, M.D., F.R.C.S., Professor-in-charge (honorary).

Dr. D. R. Dhar, M.R.C.P. (Lond.), Associate Professor (honorary).

Dr. A. K. Sen, M.B., Tutor (part-time).

Dr. N. Mullick, L.M.F., Assistant Clinical Tutor (part-time).

**Surgery Department—**

Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B., Professor-in-charge (honorary).

Dr. S. N. Chatterjee, M.B., Associate Professor (honorary).

Dr. P. C. Sanyal, M.B., F.R.C.S. (L.), Associate Professor (honorary).

Dr. A. K. Sen, M.B., F.R.C.S. (L.), Associate Professor (honorary).

Dr. J. N. Mazumdar, M.Sc., F.R.C.S., Tutor (part-time).

Dr. Karun Sankar Ray, B.Sc., M.B., Clinical Tutor (part-time).

Dr. M. N. Dutta, L.M.F., Assistant Clinical Tutor (part-time).

**Midwifery Department—**

Dr. S. Das, M.B., Emeritus Professor (honorary).

Dr. H. N. Ray, M.R.C.O.G. (L.), Professor-in-charge (honorary).

Dr. K. P. Bahaduri, M.B., Associate Professor (honorary).

Dr. A. K. Paul, L.M. (Dub.), Assistant Clinical Tutor (part-time).

**Medical Jurisprudence and Hygiene Department—**

Captain S. K. Bose, M.B., Professor of Jurisprudence (honorary).

Dr. L. M. Biswas, M.B., D.T.M., etc., Professor of Hygiene (honorary).

Dr. M. U. Ahmad, D.P.H., D.T.M., etc., Associate Professor of Hygiene (honorary).

Dr. D. C. Sinha, L.M.F., Assistant Demonstrator (part-time).

**Pathology and Bacteriology Department—**

Dr. S. K. Basu, M.B., Ch.B. (E.), Professor-in-charge of Pathology (honorary).

Dr. S. N. Roy, F.R.C.S. (E.), Professor-in-charge of Bacteriology (honorary).

Dr. S. K. Dutta, M.B., Demonstrator (part-time).

Dr. M. N. Sirkar, M.B., Demonstrator (part-time).

Dr. S. N. Mitra, M.B., Demonstrator (part-time).

**Ophthalmology Department—**

Dr. S. K. Ganguli, M.B., Lecturer of Ophthalmology (honorary).

**Radiology Department—**

Dr. D. N. Banerjee, M.B., M.D. (Berlin) (honorary).

**Venereal Diseases—**

Dr. B. N. Banerjee, M.B., etc., Lecturer in Venereal Diseases (honorary).

*Chittaranjan Hospital staff.*

Sir U. N. Brahmachari, Kt., Physician-in-charge of Kala-Azar Ward.

Dr. S. C. Sen Gupta, M.D., F.R.C.S. (E.), Physician-in-charge of Medical Ward.

Dr. D. R. Dhar, M.R.C.P. (Lond.), Physician-in-charge of Medical Ward.

**Honorary Physicians—**

Dr. S. C. Lahiri, M.D., Cholera Ward.

Dr. N. K. Brahmachary, M.Sc., M.B., Cholera Ward.

Dr. H. N. Ghosh, M.S.P.E. (Paris), Cholera Ward.

**Honorary Surgeons—**

Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (E.), Surgical Ward.

Lt.-Col. K. K. Chatterjee, F.R.C.S.I., Surgical Ward.

Dr. S. N. Chatterjee, M.B., Surgical Ward.

**Honorary Associate Surgeons—**

Dr. P. C. Sanyal, M.B., F.R.C.S. (Lond.), Surgical Ward.

Dr. A. K. Sen, M.B., F.R.C.S. (Lond.), Surgical Ward.

Dr. J. N. Mazumdar, M.B., F.R.C.S. (Edin.), Surgical Ward.

**Honorary Ophthalmic Surgeons—**

Dr. S. K. Ganguli, M.B., Ophthalmic Ward.

Dr. P. K. Paul, D.O.M.S. (Lond.), Ophthalmic Ward.

**Honorary Gynæcologist and Obstetrician—**

Dr. S. Das, M.B., Obstetrical Ward.

Dr. H. N. Ray, M.R.C.O.G. (Lond.), Gynæcological Ward.

Dr. K. P. Bahaduri, M.B., Obstetrical Ward.

**Honorary Surgeon, Ear, Nose and Throat—**

Dr. J. K. Dutta, F.R.C.S. (E.), Ear, Nose and Throat Ward.

**Honorary Clinical Pathologist—**

Dr. S. K. Basu, M.B., Ch.B. (E.).

**Clinical Pathologist—**

Dr. P. C. Chatterjee, M.B.

**Honorary Anaesthetist—**

Dr. J. C. Banerjee, M.B.

**Honorary Assistant Anaesthetist—**

Dr. M. N. Dutta, L.M.F.

**Honorary Radiologist—**

Dr. D. N. Banerjee, M.D. (Berlin).

**Assistant to Radiologist—**

Dr. R. C. Dutta, L.M.F.

*Outdoor Officers.***Medical—**

Dr. S. C. Chatterjee, L.R.C.P., etc. (part-time).

**Surgical—**

Dr. B. Mukharjee, M.B., (part-time).

**Gynæcological—**

Dr. A. K. Paul, L.M.F., L.M. (Dub.) (part-time).

**Venereal Diseases—**

Dr. B. N. Banerjee, M.B. (part-time).

**Eye—**

Dr. P. K. Paul, M.B. (part-time).

**Ear, Nose and Throat—**

Dr. J. K. Dutta, F.R.C.S. (part-time).

**T. B. Ward—**

Drs. T. N. Poddar and R. C. Adhikary (part-time).

Superintendent—

Dr. N. K. Brahmachari, M.Sc., M.B. (part-time).

Resident Medical Officers—

Dr. R. N. Mazumdar, M.B.

Dr. B. P. Roy, M.B. (part-time).

Registrar—

Dr. M. N. Dutta (part-time).

Emergency Officers—

Dr. A. B. Mazumdar, L.M.F.

Dr. A. P. Ghosh, L.M.F. (part-time).

House Surgeons and House Physicians—

*Senior.*

Dr. R. K. Mukherjee, L.M.F.

Dr. M. M. Bhaduri, L.M.F.

Dr. A. K. Paul, L.M.F.

Dr. N. M. Choudhury, L.M.F.

Dr. M. M. Das, L.M.F.

Dr. P. N. Mitter, L.M.F.

Dr. A. C. Barua, L.M.F.

Dr. M. K. Das, L.M.F.

Dr. J. K. Paul, L.M.F.

Dr. S. K. Choudhury, L.M.F.

Dr. H. P. Paul, L.M.F.

*Junior.*

Dr. Kanai Lal Banerjee, L.M.F.

Dr. Tarapada Jati, L.M.F.

Dr. Atindra Ch. Banerjee, L.M.F.

Dr. Ranjit Kumar Ghosh, L.M.F.

Dr. Anadi Banerjee, L.M.F.

Dr. Benoy Krishna Sen, L.M.F.

Dr. M. A. Q. Azam, L.M.F.

They were all whole-time workers.

*Students.*

1. Male and Female.

2. Generally 100.

3. Above 16 years.

4. At least the candidates must have passed the Matriculation or its equivalent examination.

*Examination.*

1. *Vide* Appendix A.
2. *Vide* Appendix A.
3. *Vide* Appendix A.
4. Cent per cent. (compulsory).

*Financial.*

1. Rs. 404 per student per annum.
2. (a) Nil.  
(b) Nil.  
(c) Nil.

*Equipments.*

1. (a) Chittaranjan Hospital, 163 beds—average daily 46·08.  
(b) National Infirmary 75 beds—average daily 56.  
(c) Voluntary Venereal Hospital—80 beds.
2. 329·1.
3. Physiology—17.
4. Pathology—20.



TABLE A.

Statement showing the attendance of students of the National Medical Institute, Calcutta, during the year 1943-44 and the previous year.

| Session. | Left, died, etc., during the year.            |                           |                             |   |        |  |                                    |   |   |   |                                       |                            |       |        |                                  |                                  |                           |    |
|----------|---|---------------------------|-----------------------------|---|--------|--|------------------------------------|---|---|---|---------------------------------------|----------------------------|-------|--------|----------------------------------|----------------------------------|---------------------------|----|
|          | 1   | 2                         | 3                           | 4   | 5      | 6  | 7                                  | 8                                       | 9   | 10                                      | 11                                    | 12                         | 13    | 14     | 15                               | 16                               | 17                        | 18 |
|          | Retained on the rolls from the previous year. | Admitted during the year. | Readmitted during the year. | Admitted on production of transfer certificates from other medical schools. | Total. | Left after having passed the Final Examination | Removed for absence without leave. | Removed for non-payment of school fees. | Removed for failure in school Test Examination. | Discontinued or removed for misconduct. | Transferred to other medical schools. | Resigned or left otherwise | Died. | Total. | Remained at the end of the year. | Average monthly number of pupil. | Average daily attendance. |    |
| 1942-43— |   |                           |                             |   |        |  |                                    |   |   |   |                                       |                            |       |        |                                  |                                  |                           |    |
| Male     | 242   | 46                        | 7                           | 5   | 300    | 38   | ..                                 | 24                                      | 2   | ..                                      | 3                                     | 4                          | ..    | 51     | 229                              | 263.0                            | 274.0                     |    |
| Female   | 2   | 2                         | ..                          | 1   | 5      | ..   | ..                                 | ..                                      | ..  | ..                                      | ..                                    | ..                         | ..    | ..     | 5                                | 100.0                            | 100.0                     |    |
| 1943-44— |   |                           |                             |   |        |  |                                    |   |   |   |                                       |                            |       |        |                                  |                                  |                           |    |
| Male     | 229   | 69                        | 8                           | 13*   | 319    | 55   | ..                                 | 35                                      | 2   | ..                                      | ..                                    | 2                          | ..    | 94     | 225                              | 244.0                            | 255.0                     |    |
| Female   | 5   | 2                         | ..                          | ..  | 7      | ..   | ..                                 | ..                                      | ..  | ..                                      | ..                                    | ..                         | ..    | ..     | 7                                | 125.0                            | 125.0                     |    |

**TABLE B.**

**Classification of students according to religion and nationality taught in and passed out of the National Medical Institute, Calcutta, during the year 1943-44.**

| Classification.         | Total number of students taught, etc. |         | Number passed out during the year in the Final Examination as L. M. F. |         |
|-------------------------|---------------------------------------|---------|--|---------|
|                         | Male.                                 | Female. | Male.  | Female. |
| 1                       | 2                                     | 3       | 4  | 5       |
| <i>Religion.</i>        |                                       |         |  |         |
| 1. Anglo-Indians .. ..  | 1                                     | ..      | ..   | ..      |
| 2. Indian Christians .. | 5                                     | 1       | ..   | ..      |
| 3. Hindus—              |                                       |         |  |         |
| (a) Brahmin .. ..       | 39                                    | 1       | 8  | ..      |
| (b) Non-Brahmin ..      | 176                                   | 5       | 46   | ..      |
| 4. Mohammadans .. ..    | 4                                     | ..      | 1  | ..      |
| 5. Buddhists .. ..      | ..                                    | ..      | ..   | ..      |
| Total ..                | 225                                   | 7       | 55   | ..      |
| <i>Nationality.</i>     |                                       |         |  |         |
| 1. Anglo-Indians .. ..  | 1                                     | 1       | ..   | ..      |
| 2. Bengalees .. ..      | 115                                   | 5       | 27   | ..      |
| 3. Madrasis .. ..       | 24                                    | 1       | 8  | ..      |
| 4. Punjabis .. ..       | 44                                    | ..      | 9  | ..      |
| 5. Rajputs .. ..        | 7                                     | ..      | 1  | ..      |
| 6. Beharis .. ..        | 32                                    | ..      | 10   | ..      |
| 7. Assamese .. ..       | 3                                     | ..      | ..   | ..      |
| Total ..                | 225                                   | 7       | 55   | ..      |

**TABLE C.**

**Classification according to preliminary general qualifications of students admitted during the year 1943-44 and the previous year.**

| Classification.       | Hindus. |         | Muhammadans. |         | Christians. |         | Others. |         |
|-----------------------|---------|---------|--------------|---------|-------------|---------|---------|---------|
|                       | Male.   | Female. | Male.        | Female. | Male.       | Female. | Male.   | Female. |
| 1                     | 2       | 3       | 4            | 5       | 6           | 7       | 8       | 9       |
| <b>B.A. or B.Sc.—</b> |         |         |              |         |             |         |         |         |
| 1942-43 ..            | ..      | ..      | ..           | ..      | ..          | ..      | ..      | ..      |
| 1943-44 ..            | ..      | ..      | ..           | ..      | ..          | ..      | ..      | ..      |
| <b>I.A. or I.Sc.—</b> |         |         |              |         |             |         |         |         |
| 1942-43 ..            | 3       | ..      | ..           | ..      | ..          | ..      | 2       | ..      |
| 1943-44 ..            | 6       | ..      | ..           | ..      | ..          | ..      | ..      | ..      |
| <b>Matriculate—</b>   |         |         |              |         |             |         |         |         |
| 1942-43 ..            | 24      | ..      | 2            | ..      | 1           | ..      | 7       | 1       |
| 1943-44 ..            | 61      | 5       | 2            | ..      | 3           | 1       | 3       | ..      |
| <b>Others—</b>        |         |         |              |         |             |         |         |         |
| 1942-43 ..            | 2       | ..      | ..           | ..      | ..          | ..      | 6       | ..      |
| 1943-44 ..            | 3       | ..      | ..           | ..      | ..          | ..      | ..      | ..      |

General educational qualifications of students admitted, readmitted and admitted on transfer.



## **Table E**

TABLE

## Statement showing the income and expenditures of the National Medical

| Heads of receipts.<br><br>1                 | Income.       |               |                |                |
|---|---------------|---------------|----------------|----------------|
|   | 1942-43.<br>2 | 1943-44.<br>3 | Increase.<br>4 | Decrease.<br>5 |
|   | Rs.           | Rs.           | Rs.            | Rs.            |
| Opening Balances .. ..                      | 54,389        | 46,033        | ....           | 8,356          |
| School Account : ..                         |               |               |                |                |
| Donations and subscriptions ..              | 3,585         | 3,671         | 86             | ....           |
| Students Union fees .. ..                   | 1,201         | 1,260         | 59             | ....           |
| School fees .. ..                           | 47,548        | 52,262        | (a) 4,714      | ....           |
| Miscellaneous receipts ..                   | 1,321         | 356           | ....           | (d) 965        |
| Interest account .. ..                      | 517           | 167           | ....           | (e) 350        |
| Caution deposit refundable ..               | 815           | 1,025         | (b) 210        | ....           |
| Stipend and scholarship ..                  | 42            | ....          | ....           | 42             |
| Advance recovered .. ..                     | 153           | 2,000         | ....           | (f) 153        |
| Loan .. ..                                  | ....          | 2,000         | (c) 2,000      | ....           |
| Employees Security deposit re-<br>fundable. | 105           | 55            | ....           | 50             |
|   | 55,287        | 60,796        | 7,069          | 1,560          |
| Grand Total ..                              | 1,09,676      | 1,06,829      | 7,069          | 9,916          |

(a) and (b) Due to more receipts during the year.

(c) Due to this loan incurred during the year.

(d) and (e) Due to less receipts during the year.

(f) Due to no amount being recovered during the year.

## E.

Institute, Calcutta, during the year 1943-44 and the previous year.

| Heads of expenditure.<br>6          | Expenditures. |               |                |                 |
|-------------------------------------|---------------|---------------|----------------|-----------------|
|                                     | 1942-43.<br>7 | 1943-44.<br>8 | Increase.<br>9 | Decrease.<br>10 |
|                                     | Rs.           | Rs.           | Rs.            | Rs.             |
| School Account Revenue Expenditure— |               |               |                |                 |
| Establishment, etc. .. ..           | 30,444        | 24,112        | ....           | (f) 6,332       |
| Examination, etc. .. ..             | 171           | 142           | ....           | 29              |
| Printing, Stationery, etc. ..       | 379           | 463           | 84             | ....            |
| Rent and taxes .. ..                | 2,242         | 5,610         | (a) 3,368      | ....            |
| Repairs and fittings .. ..          | 169           | 48            | ....           | (g) 121         |
| Students Union account ..           | 1,637         | ....          | ....           | (h) 1,637       |
| Audit Charges .. ..                 | 350           | 341           | ....           | 9               |
| Gas, Electric and Telephone ..      | 1,118         | 848           | ....           | (i) 270         |
| Stipend and Scholarship ..          | 120           | 30            | ....           | 90              |
| Miscellaneous .. ..                 | 3,111         | 2,846         | ....           | 265             |
|                                     | 39,741        | 34,440        | 3,452          | 8,753           |
| Caution deposit refunded ..         | 730           | 670           | ....           | 60              |
| Advance recoverable .. ..           | ....          | 634           | (b) 634        | ....            |
| Employees Security refunded ..      | ....          | 130           | (c) 130        | ....            |
|                                     | 730           | 1,434         | 764            | 60              |
| Capital Expenditure—                |               |               |                |                 |
| Library .. ..                       | 7             | 27            | 20             | ....            |
| Furniture and Instruments ..        | 365           | 67            | ....           | (k) 298         |
|                                     | 40,843        | 35,968        | 4,236          | 9,111           |
| Hospital Accounts—                  |               |               |                |                 |
| Chittaranjan Hospital ..            | 13,750        | 17,569        | (d) 3,819      | ....            |
| National Infirmary .. ..            | 9,050         | 9,657         | (e) 607        | ....            |
|                                     | 22,800        | 27,226        | 4,426          | ....            |
|                                     | 63,643        | 63,194        | 8,662          | 9,111           |
| Closing Balances .. ..              | 46,033        | 43,635        | ....           | 2,398           |
|                                     | 1,09,676      | 1,06,829      | 8,662          | 11,509          |

(a) Due to more bills being paid during the year.

(b) Due to this amount being refunded during the year.

(c) Due to this amount being refunded during the year.

(d) and (e) Due to more amounts being paid during the year.

(f), (g), (i) and (j) Due to less expenditure incurred during the year.

(h) Due to no bill being adjusted during the year.

(k) Due to less instruments, etc., being purchased during the year.

# Annual Report of the Bankura Sammilani Medical School for the year 1943-44.

## I—Buildings and Accommodation.

A new construction has been erected for the accommodation of school durwan within the school compound, also an urinal for the teaching staff during the year under report. The usual repairs of the existing buildings were duly carried out.

## II—Teaching and Equipment.

**Department of Chemistry and Physics.**—The Professors of Chemistry and Physics of the local college assisted by a demonstrator held theoretical and practical classes of the subjects. The number of classes and demonstrations held was as follows:—

|           |     | Lectures. | Practical demonstrations. |
|-----------|-----|-----------|---------------------------|
| Physics   | ... | 43        | 28                        |
| Chemistry | ... | 40        | 28                        |

**Department of Anatomy.**—Dr. P. De, M.B., Teacher of Anatomy, delivered more than prescribed course of lectures during the year. The Second Teacher of Anatomy, Dr. P. Banerjee, M.B., having been transferred to Midwifery and Gynaecological Section, the Teacher of Anatomy assisted by a staff of four assistant teachers took demonstrations and practical classes of Anatomy by subdivisions of batches, each batch containing 1 to 15 or 16 students. Each batch got more than sufficient number of demonstrations and tutorial classes besides dissection classes in the Winter Term. Special attention was paid to the plucked students who were given special tutorial classes besides the general routine work.

Five months during the winter session from November to March were given to dissection from 11 a.m. to 2 p.m. daily on week days. Altogether 24 bodies were dissected by the students of the first and second year classes. Each student during the course of a part was duly examined by the demonstrators-in-charge and after the completion of the part was required to satisfy that he dissected and learnt thoroughly and was then allowed to take up the next part for dissection.

Number of dead bodies available during the term was 35, of which 24 were used for dissection class 3 for Test Examination, 2 for revision class of November batch, 2 for Operative Surgery and the rest decomposed.

**Department of Physiology.**—The department was under the charge of Dr. K. P. Banerjee, M.B., Teacher of Physiology, Dr. L. N. Das, M.Sc., M.B., Second Teacher of Physiology, assisted by a staff of 3 assistant teachers, namely, Dr. R. Tewari, L.M.F., Dr. N. Chatterjee, L.M.F., and Dr. S. Mukherjee, L.M.F.

The Teacher of Physiology delivered 44 lectures to the first and second year students while the second teacher delivered 27 lectures and took 23 demonstrations to each batch of second year students consisting not more than 20 students. Each batch of the regular first and second year class was again divided into sub-batches, each such sub-batch consisted of not more



than 10 students. The assistant teachers were detailed to give demonstrations and practical classes to these sub-batches and the number of demonstrations and practical classes given to each sub-batch by the assistant teachers were more than 30.

The department was well equipped with slides, diagrams, microscopes and necessary tools and materials.

**Materia Medica and Pharmacy.**—Teacher of Materia Medica, Dr. K. K. Mitra, L.M.S., delivered 64 lectures to the first and second year students. In addition to the lectures, demonstration classes were taken in batches separately for the first and second year students by the teacher himself.

**Materia Medica and Pharmacy.**—The second teacher Dr. B. Ghosh, L.M.F., took 54 practical classes (Pharmacy) for the first and second year students, while Dr. K. Das Gupta, L.M.F., held 39 demonstration classes for the first and second year students.

The department is fully equipped with drugs and specimens in accordance with British Pharmacopœia of 1932.

**Department of Pathology.**—The department was under the charge of Dr. R. Mukherjee, M.B., D.P.H., Teacher of Pathology, assisted by a staff of second teacher Dr. H. P. Mukherjee, M.B., and a demonstrator Dr. S. Mukherjee, L.M.F. A course of 40 lectures on Pathology and Bacteriology was delivered by the teacher and a course of 48 demonstrations and practical classes for students for each batch of third year class.

The number of post mortems held during the year was eight which were attended by the students of the third and fourth year classes.

New specimens were added to the museum during the year under review. The department is well equipped—laboratory examinations were carried out in this year as usual.

**Department of Medicine.**—The department was under the charge of Dr. D. Gupta, B.Sc., M.B., Teacher of Medicine, as well as physician to the attached hospital. A course of 50 lectures were delivered to the students of third year and fourth year classes by the teacher.

Clinical demonstration were given in the wards every day by the teacher and the second physician Dr. R. Mukherjee, M.B., D.P.H., Senior House Physician, Dr. R. N. Barat, L.M.F., held tutorial classes one hour daily in the evening in the Medical Ward of the Hospital. Writing up of case notes and performance of clinical laboratory works were supervised by the Senior House Physician.

**Department of Surgery.**—The department was under the charge of Dr. A. Ray, M.B., Teacher of Surgery, as well as first surgeon to the attached hospital. He delivered 54 lectures to the third and fourth year classes besides the tutorial classes in the hospital. The Second Teacher Dr. K. De, M.B., held 21 practical classes on Operative Surgery and 16 lectures of Anæsthesia. Clinical instructions were given in the Out-patients' Department and in the ward. In the latter section the students were required to act as surgical dressers and also to attend all operations performed by the first and second surgeons. The senior students were given opportunities of helping the surgeons in operations at the hospital and were also trained to perform minor operations in the out-door dispensary. Tutorial classes were also held by the Senior House Surgeon Dr. N. C. Ray, L.M.F.

**Ophthalmic Surgery.**—Dr. H. Kundu, M.B., B.S., who was the Teacher of Ophthalmic Surgery as well as Eye Surgeon to the attached hospital, delivered 22 lectures to the students of the third and fourth year classes.

All varieties of cases including severe conjunctivitis, spinal types of corneal ulcers, disease of the lens, etc., were admitted for teaching purposes and treated. The cases in the wards were distributed amongst the students for examination and for following up of their treatment and progress.

**Obstetrical and Gynaecological Section.**—The department was under the charge of Dr. R. Banerjee, B.Sc., M.B., F.S.M.F. (Bengal), Teacher of Midwifery and Gynaecologist to the attached hospital, assisted by a staff of one Second Teacher Dr. P. Banerjee, M.B., who was newly transferred from the Anatomy Department to this section in the year under report. The Teacher of Midwifery delivered 65 lectures to the students of the third and fourth year classes besides tutorial classes in his ward. Nineteen obstetrics and gynaecological beds besides 34 paying beds which were always full, were always available in the wards for bedside instruction to the students. The students were detailed for duty in batches in the wards, each batch for a period at a time for 3 months. The students-in-charge of obstetrical wards were required to follow their cases from the time of admission to the date of discharge. Mechanism of normal and abnormal labour cases and application of the commoner obstetrical instruments were demonstrated to the students regularly on the dummy.

Dr. P. Banerjee, M.B., Second Gynaecologist, helped the Senior Gynaecologist in all operations along with senior students who were also given the facilities of assisting the operations (gynaecological and obstetrical).

**Medical Jurisprudence.**—This department was under the charge of Dr. Haridas Gupta, L.M.F., the Teacher of Medical Jurisprudence, who is the Medical Officer-in-charge of the local Police Hospital, delivered 41 lectures to the third and fourth year students and the students attended almost all medico-legal post mortem cases in the local police morgue.

**Hygiene.**—Dr. S. K. Sinha, M.B., D.P.H., who is the District Health Officer, was in charge of the department. The Teacher of Hygiene delivered 18 lectures to the third and fourth year classes. Fifteen practical field demonstrations in the rural areas were also held by the teacher for the final year students. The department is well-equipped with sufficient diagrams and models.

**Hospital training.**—The hospital attached to the school treated 2,207 indoor patients during the year under report with a daily average of 93.25 and it treated 12,805 outdoor patients. The students were also detailed to duty to the local Sadar Hospital containing 36 beds where the school authorities have appointed a physician to deliver bedside clinics.

**Out-patients' Department.**—Senior students were deputed in batches to this department where they had the opportunity of attending a variety of cases and also received clinical instructions on the outdoor cases. All the outdoor officers gave clinical instructions regularly on the cases attending the Out-patients' Department of the hospital.

**X-ray Department.**—Dr. L. N. Das, M.Sc., M.B., was in charge of this department. This department helped the teaching of medicine and surgery considerably. Almost all plates taken were demonstrated to the students.

### III—Conduct and attendance of students.

Details of attendance are given in Table A. The conduct of the students in the school and in the hospital was altogether satisfactory.

### IV—Finance.

Details of receipt and expenditure with the previous year are stated in Table E.

### V—Admission.

In view of the large number of admissions in 1942-43 in the first year class the members of the Inspecting Committee of the Bengal Council of Medical Registration who visited this institution on 26th June 1943, restricted the new admission to ten only in the first year class. So the number of new admission in the first year class was ten only. Details are given in Table C.

### VI—General notes.

The school was inspected by Dr. M. N. Bose and Dr. J. C. Chatterjee, two leading members of the Inspecting Committee of the Bengal Council of Medical Registration, on 7th and 8th January 1944.

Bankura Sammilani, the parent body of this institution, introduced a graded scale of pay to the teachers and assistant teachers since October 1943. The pay fixed for the medical graduates was Rs. 65—5—140 and for the licentiates was Rs. 35—2/8—50—5—75.

A monthly scholarship to the value of Rs. 10 for a year was awarded to Mr. Chittaranjan Dutta who obtained the highest marks in Anatomy amongst the regular students of this institution who appeared at the Intermediate Licentiate Examination held in May 1943.

**Hostel accommodation.**—The school hostel accommodated 140 students during the year under report under the control of the Hostel Warden Dr. R. Barat, D.M.F., who was the resident. The messing of the students was controlled by the students themselves while the general disciplinary control was in the hands of a committee consisting of teachers.

**Athletic Club.**—The club was well maintained and the students took great interest in competition and friendly games. The students played football in their own ground within the hostel compound. Besides other outdoor games such as badminton, tennis, etc., they took part in indoor games like table tennis, carrom board, etc.

**Library.**—The school has got a library which is equipped with necessary number of medical books and journals. A sum of Rs. 1,060 has been spent for purchasing of library books in the year under report.

The students' common room has a separate library containing necessary books and journals for their use.

At last I gratefully acknowledge the sincerity of co-operation I received from the members of the teaching staff and clerical staff for running the institution.

A. RAY,

*Superintendent, Bankura Sammilani Medical School.*

BANKURA,

*The 27th November 1944.*

**ANNEXURE 1.****Staff.**

*(1) List showing the names of the staff with their academic qualifications and their duties in the Bankura Sammilani Medical School, also whether whole-time, part-time or honorary.*

1. Dr. Anathbandhu Ray, M.B. (Gold Medalist), Superintendent and Teacher of Surgery (part-time).
2. Dr. Ramgoti Banerjee, B.Sc., M.B. (Gold Medalist), F.S.M.F. (Bengal), Teacher of Midwifery and Gynæcology (part-time).
3. Dr. Durgadas Gupta, B.Sc., M.B., Teacher of Medicine (part-time).
4. Dr. Ramranjan Mukherjee, M.B., D.P.H. (Medalist), Teacher of Pathology (part-time).
5. Dr. Hari Prasanna Mukherjee, M.B., Teacher of Pathology (part-time).
6. Dr. Harshagopal Kundu, M.B., B.S., Teacher of Ophthalmic Surgery (part-time).
7. Dr. Haridas Gupta, L.M.F., Teacher of Jurisprudence (part-time).
8. Dr. Sisir Kumar Sinha, M.B., D.P.H., Teacher of Hygiene (part-time).
9. Dr. Kali Krishna Mitra, L.M.S., Teacher of Materia Medica (whole-time).
10. Dr. Kalipada Banerjee, M.B. (Gold Medalist), Teacher of Physiology (part-time).
11. Dr. Lakshminarayan Das, M.Sc., M.B. (Gold Medalist), Teacher of Physiology (part-time).
12. Dr. Phanindra Nath De, M.B., Teacher of Anatomy (whole-time).
13. Dr. Parbatiranjana Banerjee, M.B., Teacher of Gynæcology (part-time).
14. Dr. Kshudiram De, B.Sc., M.B., Teacher of Clinical Surgery (part-time).
15. Professor Anath Nath Haldar, M.Sc., Teacher of Chemistry (part-time).
16. Professor Abala Kanta Choudhury, M.Sc., Teacher of Physics (part-time).
17. Dr. Keshab Chandra Karmakar, B.A., L.M.F., Demonstrator of Anatomy (whole-time).
18. Dr. Nistarana Ray, L.M.F., Demonstrator of Anatomy (whole-time).
19. Dr. Ramhari Chatterjee, L.M.F., Demonstrator of Anatomy (whole-time) (temporary up to 12th April 1944).
20. Dr. Rabindra Nath De, L.M.F., Demonstrator of Anatomy (whole-time).

21. Dr. Bholanath Ghosh, L.M.F., Demonstrator of Materia Medica (whole-time).

22. Dr. Kamalendu Das Gupta, L.M.F., Demonstrator of Materia Medica (whole-time) up to 12th April 1944 (temporary).

23. Dr. Ratiranjan Tewari, L.M.F., Demonstrator of Physiology (whole-time).

24. Dr. Sudhanshu Sekhar Mukherjee, L.M.F., Demonstrator of Physiology (whole-time).

25. Dr. Narendra Nath Chatterjee, L.M.F., Demonstrator of Physiology (whole-time) temporary up to 12th April 1944.

26. Mr. Hara Gobinda De, B.Sc., Demonstrator of Physics and Chemistry (whole-time).

## ANNEXURE 2.

### Staff.

(2) *List showing the names of the staff with academic qualifications and their duties in the Bankura Sammilani Medical School Hospital attached to the school, also whether whole-time or part-time officer.*

1. Dr. Anathbandhu Ray, M.B. (Gold Medalist), Superintendent of the Hospital and in-charge of the Surgical Ward (part-time).

2. Dr. Kshudiram De, B.Sc., M.B., Second Surgeon (part-time).

3. Dr. Narayan Chandra Ray, L.M.F., Senior House Surgeon and Assistant Resident Medical Officer (whole-time).

4. Dr. Harsha Gopal Kundu, M.B., B.S., Deputy Superintendent to the Hospital and in-charge of Ophthalmic Ward and Ophthalmic Out-patients' Department (part-time).

5. Dr. Ramgoti Banerjee, B.Sc., M.B. (Gold Medalist), F.S.M.F. (Bengal), in-charge of the Gynæcological and Obstetrical Ward (part-time).

6. Dr. Parbatiranjana Banerjee, M.B., Second Gynæcologist (part-time).

7. Dr. Sanaton Dutta, L.M.F., Senior House Surgeon, Obstetrical and Gynæcological Department (whole-time).

8. Dr. Durgadas Gupta, B.Sc., M.B., in-charge of the Medical Ward (part-time).

9. Dr. Ramranjan Mukherjee, M.B., D.P.H., Second Physician (part-time).

10. Dr. Hariprasanna Mukherjee, M.B., Out-patients' Department (part-time).

11. Dr. Ram Narayan Barat, L.M.F., Senior House Physician (whole-time).

12. Dr. Lakshminarayan Das, M.Sc., M.B. (Gold Medalist), Radiologist (part-time).

Three Junior House Surgeons (whole-time) for the first half of the year for the six months were appointed and four for the latter half.

*(3) Changes of the teaching staff during the year under report.*

1. Dr. P. Banerjee, M.B., was transferred from the post of Second Teacher of Anatomy to the post of Second Teacher of Gynæcology and also to the post of Deputy Superintendent of the School.

2. Dr. K. De, B.Sc., M.B., was appointed as Teacher of Clinical Surgery in the School.

3. Dr. H. Kundu, M.B., B.S., was appointed to the post of Deputy Superintendent of the Hospital in place of Resident Medical Officer Dr. P. De, M.B.

4. The services of the temporary demonstrator of Physiology Dr. N. Chatterjee, L.M.F., and Dr. R. Chatterjee, L.M.F., Demonstrator of Anatomy, and Dr. K. Das Gupta, L.M.F., Demonstrator of Materia Medica, terminated from 12th April 1944 for decrease of the number of students in the Junior Section due to restricted number of new admission and passing of students from the second year class.

### **Students.**

1. Sex of students.—Male 309.

2. Maximum number of new students annually (admission).—During the year 1943-44 new admission was 11.

3. Age-limit, high and low, for students on admission to the school.—There is no age-limit for admission into a medical school, but the students must be above 16 years on the first day of the month in which they will have to appear for the Primary Licentiate Examination.

4. Standard of general education required for admission to the School.—Matriculation or its equivalent is the minimum standard.

### **Examinations.**

1. Names of examiners at each of the examinations.—*Vide* Appendix A.

2. By whom appointed and for how long at a time?—*Vide* Appendix A.

3. Percentage of marks required at each examination to obtain a pass.—40 per cent. in written and 40 per cent. in oral and practical.

4. Proportion of students who take all the subjects at the Final Examinations.—58.50.

### **Financial.**

1. Cost to the body responsible for the school per student per annum in the school.—Rs. 130-4-11.

2. Percentage of student paid for by—

(a) Government—Nil.

(b) Local bodies or other agencies—1.94 per cent.

(c) Privately by guardians—98.06 per cent.

**Equipments.**

1. Number of sanctioned beds in the attached hospital 126, and daily number of in-patients 93·25.

2. Average number of confinement cases per annum during the last three years:—

|         |     | Normal. | Abnormal. | Total. |
|---------|-----|---------|-----------|--------|
| 1941-42 | ... | 73      | 77        | 150    |
| 1942-43 | ... | 69      | 66        | 135    |
| 1943-44 | ... | 41      | 39        | 80     |

3. Number of microscope allotted for the personal use of students in teaching:—

|                |     |     |              |           |
|----------------|-----|-----|--------------|-----------|
| (i) Physiology | ... | ... | ...          | 12        |
| (ii) Pathology | ... | ... | ...          | 5         |
|                |     |     | <b>Total</b> | <b>17</b> |

**A. RAY,**

*Superintendent, Bankura Sammilani Medical School.*

**BANKURA,**

*The 27th November 1944.*





TABLE B.

Statement showing the classification of students according to religion and nationality taught in and passed out of the Bankura Sammilani Medical School, Bankura, during the year 1943-44.

| Classification.           | Total number of students during the year, i.e., the number remaining from the previous year and the number admitted during the year. |         | Number passed out during the year in the Final Examination as L.M.F. or Final (Examination) Licentiatehip of the State Medical Faculty of Bengal. |         |
|---------------------------|--|---------|---|---------|
|                           | Male.  | Female. | Male.   | Female. |
| 1                         | 2  | 3       | 4   | 5       |
| <i>Religion.</i>          |  |         |   |         |
| 1. Indian Christian .. .. | ..   | ..      | ..  | ..      |
| 2. Hindus .. ..           | 299  | ..      | 35  | ..      |
| 3. Mahomedans .. ..       | 8  | ..      | 1   | ..      |
| 4. Sikhs .. ..            | 2  | ..      | ..  | ..      |
| Total ..                  | 309  | ..      | 36  | ..      |
| <i>Nationality.</i>       |  |         |   |         |
| 1. Bengalees .. ..        | 257  | ..      | 30  | ..      |
| 2. Biharees .. ..         | 46   | ..      | 6   | ..      |
| 3. Punjabis .. ..         | 6  | ..      | ..  | ..      |
| Total ..                  | 309  | ..      | 36  | ..      |

**TABLE C.**

**Statement showing the classification according to preliminary general qualification of the students during the year 1943-44 and the previous year in the Bankura Sammilani Medical School, Bankura.**

| Classification                    | Hindus. |         | Mahomedans. |         | Christians. |         | Others.  |         |
|-----------------------------------|---------|---------|-------------|---------|-------------|---------|----------|---------|
|                                   | Male.   | Female. | Male.       | Female. | Male.       | Female. | Male.    | Female. |
| 1                                 | 2       | 3       | 4           | 5       | 6           | 7       | 8        | 9       |
| 1942-43.                          |         |         |             |         |             |         |          |         |
| I.Sc. ..                          | 4       | ..      | ..          | ..      | ..          | ..      | ..       | ..      |
| I.A. ..                           | 3       | ..      | ..          | ..      | ..          | ..      | ..       | ..      |
| Matriculation ..                  | 128     | ..      | 6           | ..      | ..          | ..      | 1 (Sikh) | ..      |
| 1943-44.                          |         |         |             |         |             |         |          |         |
| I.A. ..                           | 2       | ..      | ..          | ..      | ..          | ..      | ..       | ..      |
| Matriculation ..                  | 17      | ..      | ..          |         | ..          | ..      | ..       | ..      |
| Intermediate Li-<br>centiateship. | ..      | ..      | 1           | ..      | ..          | ..      | ..       | ..      |

**Statement showing the results of the State Medical Faculty of Bengal during the year 1943-44 and the previous year in the Bankura Sammilani Medical School, Bankura.**

123

TABLE

## Statement showing the income and expenditure of the Bankura Sammilani

| Heads of receipts.<br><br>1 | Income.  |          |            |            |
|-----------------------------|----------|----------|------------|------------|
|                             | 1942-43. | 1943-44. | Increase.  | Decrease.  |
|                             | 2        | 3        | 4          | 5          |
|                             | Rs.      | Rs.      | Rs.        | Rs.        |
| Opening balance .. ..       | 29,808   | 40,721   | 10,913 (a) | ....       |
| Fees and fines .. ..        | 36,840   | 39,291   | 2,451 (b)  | ....       |
| Faculty fees .. ..          | 5,030    | 5,341    | 311 (c)    | ....       |
| Municipal grant .. ..       | ....     | 2,250    | 2,250 (d)  | ....       |
| District Board grant .. ..  | 1,200    | 1,020    | ....       | 180 (e)    |
| Miscellaneous .. ..         | 28,547   | 10,817   | ....       | 17,730 (f) |
| Grand total .               | 1,01,425 | 99,440   | 15,925     | 17,910     |

(a) Due to more balance in the previous year.

(b) Due to more amount realised in the head.

(c) Due to more number of students appeared at the Faculty Examination.

(d) Due to realisation of grant for the previous year.

(e) Due to reduction of grant.

(f) Less number of students admitted.

E.

**Medical School, Bankura, during the year 1943-44 and the previous year.**

| Heads of expenditure.<br><br>6   | Expenditure. |          |           |           |
|----------------------------------|--------------|----------|-----------|-----------|
|                                  | 1942-43.     | 1943-44. | Increase. | Decrease. |
|                                  | 7            | 8        | 9         | 10        |
|                                  | Rs.          | Rs.      | Rs.       | Rs.       |
| Contingency .. ..                | 6,294        | 4,816    | ....      | 1,478 (a) |
| Electric charge .. ..            | 1,798        | 1,633    | ....      | 165 (b)   |
| Books and journals .. ..         | 583          | 1,060    | 477 (c)   | ....      |
| Faculty fees .. ..               | 5,010        | 5,321    | 311 (d)   | ....      |
| Establishment charges .. ..      | 18,753       | 23,594   | 4,841 (e) | ....      |
| Furniture .. ..                  | 2,049        | 126      | ....      | 1,923 (f) |
| Scholarships .. ..               | 120          | 210      | 90 (g)    | ....      |
| Taxes and rents .. ..            | 187          | 1,938    | 1,750 (h) | ....      |
| Building repairs .. ..           | 10,887       | 2,409    | ....      | 8,478 (i) |
| Provident Fund .. ..             | 1,550        | 2,015    | 465 (j)   | ....      |
| Contribution towards hospital .. | 13,472       | 19,006   | 5,534 (k) | ....      |
| Total expenditure ..             | 60,704       | 62,128   | 13,468    | 12,044    |
| Closing balance .. ..            | 40,721       | 37,312   | ....      | 3,409     |
| Grand total ..                   | 1,01,425     | 99,440   | 13,468    | 15,453    |

(a) Due to less expenditure in the head.

(b) Due to non-availability of electrical bulbs.

(c) Due to requirements of the Faculty.

(d) Due to more number of students appeared at the Faculty Examination.

(e) Due to graduation of pay with retrospective effect.

(f) Due to less furniture purchased during the year.

(g) Due to payment of the outstanding bills.

(h) Due to payment of municipal grant for two years.

(i) Due to less expenditure in the head.

(j) Due to increased pay with retrospective effect.

(k) Due to more expenditure in the head.

A. RAY,

*Superintendent, Bankura Sammilani Medical School.*

**EXAMINERS FOR THE YEAR 1943-44.****Licentiate Examination (November 1943).***Primary.***Physics and Chemistry —**

- (1) **Mr. Sureschandra Mukherjee, m.sc., Calcutta Medical College (Convenor).**
- (2) **Mr. Gopalchandra Bhattacharyya, m.sc., Carmichael Medical College, Calcutta.**
- (3) **Dr. Baladeb Mukherjee, b.sc., m.b., National Medical Institute, Calcutta.**
- (4) **Mr. Syed Asraf Ali, m.sc., Veterinary College, Calcutta.**

*Intermediate.***Anatomy—**

- (1) **Dr. Lalitkumar Ghosh, m.b., Campbell Medical School, Calcutta (Convenor).**
- (2) **Dr. Q. M. Musa, m.b., ch.b., National Medical Institute, Calcutta.**
- (3) **Dr. A. D. Mukherjee, l.m.f., Calcutta Medical School.**
- (4) **Dr. Anilchandra Majumdar, m.b., National Medical Institute, Calcutta.**
- (5) **Dr. K. P. Mukherjee, m.b., Teacher of Anatomy, Dacca Medical School.**
- (6) **Dr. Shamsuddin Ahmed, m.b., Calcutta Medical College.**

**Physiology—**

- (1) **Dr. Makhanlal Chakrabarti, m.sc., m.b., Campbell Medical School (Convenor).**
- (2) **Dr. K. C. Chakrabarti, l.m.f., f.s.m.f., Calcutta Medical School.**
- (3) **Dr. Narendrakrishna Brahmachari, m.sc., m.b., National Medical Institute, Calcutta.**
- (4) **Dr. Md. Abdul Karim, m.b., Dacca Medical School.**
- (5) **Dr. Bagala Bhattacharyya, m.b., National Medical Institute, Calcutta.**
- (6) **Dr. Anilanganath Banerjee, m.b., Carmichael Medical College, Calcutta.**

**Materia Medica—**

- (1) **Dr. D. N. Basu, l.r.c.p., m.r.c.s., National Medical Institute, Calcutta (Convenor).**
- (2) **Dr. P. C. Chakrabarti, m.b., Campbell Medical School, Calcutta.**
- (3) **Rai Sahib Dr. S. Chatterjee, b.sc., m.b., Calcutta Medical School.**
- (4) **Dr. Altafuddin Ahmed, m.b., Dacca Medical School.**
- (5) **Mir Mansur Ally, m.b., Calcutta School of Tropical Medicine.**
- (6) **Dr. Butakrishna Ray, l.m.s.**

*Final.***Medicine—**

- (1) Dr. J. C. Aich, M.B., M.R.C.P., Campbell Medical School, Calcutta (Convenor).
- (2) Dr. Sisirkumar Mukherjee, M.B., M.R.C.P., Calcutta Medical School.
- (3) Dr. Nawab Ali, M.B., D.T.M., Dacca Medical College.
- (4) Dr. J. C. Banerjee, M.B., M.R.C.P., Calcutta Medical College.
- (5) Dr. Md. Habibur Rahman, B.Sc., M.B., Jalpaiguri Medical School.
- (6) Dr. Amiya Bose, M.D., M.R.C.P., Calcutta Medical College.

**Surgery—**

- (1) Dr. Tinkari Acharyya, M.B., Campbell Medical School (Convenor).
- (2) Dr. P. Sanyal, M.B., F.R.C.S., Calcutta Medical College.
- (3) Dr. Md. Khabir, M.B., Mymensingh Medical School.
- (4) Dr. S. K. Chatterjee, F.R.C.S., Campbell Medical School, Calcutta.
- (5) Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B., National Medical Institute, Calcutta.
- (6) Dr. Anathbandhu Ray, M.B., Bankura Sammilani Medical School.

**Midwifery—**

- (1) Dr. S. K. Gupta, M.B., Calcutta Medical School (Convenor).
- (2) Dr. Sudhirschandra Basu, M.B., F.R.C.S., M.C.O.G., Campbell Medical School, Calcutta.
- (3) Dr. P. C. Das, M.B., M.O., Carmichael Medical College, Calcutta.
- (4) Dr. Habibuddin Ahmed, M.B., F.R.C.S., D.C.O.G., Police Hospital, Calcutta.
- (5) Dr. D. N. Mitra, M.B., Dacca Medical School.
- (6) Dr. Upendranath Banerjee, M.B., Carmichael Medical College, Calcutta.

**Medical Jurisprudence and Hygiene—**

- (1) Dr. Muhammad Hossain, M.B., Campbell Medical School (Convenor—Jurisprudence).
- (2) Dr. S. K. Chatterjee, M.B., Ph.D., Calcutta Medical School.
- (3) Dr. L. M. Biswas, M.B., D.P.H., National Medical Institute, Calcutta (Convenor—Hygiene).
- (4) Dr. Abdul Jabbar, Assistant Director of Public Health, Bengal.

**Licentiatehip Examinations (May—1944).***Primary.***Physics and Chemistry—**

- (1) Mr. S. C. Mukherjee, M.Sc., Calcutta Medical College (Convenor).
- (2) Dr. Baladeb Mukherjee, B.Sc., M.B., National Medical Institute, Calcutta.
- (3) Mr. M. Sinha, M.Sc., Calcutta Medical School.
- (4) Mr. Syed Ashraf Ali, M.Sc., Veterinary College, Calcutta.

*Intermediate.***Anatomy—**

- (1) Dr. L. K. Ghosh, M.B., Campbell Medical School (Convenor).
- (2) Dr. A. M. Bhattacharyya, L.M.F., Jalpaiguri Medical School.
- (3) Dr. Q. M. Musa, M.B., Ch.B., National Medical Institute, Calcutta.
- (4) Dr. M. Pan, F.R.C.S., Calcutta Medical School.
- (5) Dr. Shamsuddin Ahmed, M.B., Calcutta Medical College.
- (6) Dr. Umeshchandra Chakrabarti, M.B., F.R.C.S., Calcutta Medical College.

**Physiology—**

- (1) Dr. Nripendranath Mukerjee, M.B., Medical College, Calcutta (Convenor).
- (2) Dr. Md. Abdul Karim, M.B., Dacca Medical School.
- (3) Dr. K. C. Chakrabarti, L.M.F., F.S.M.F., Calcutta Medical School.
- (4) Dr. Bagala Bhattacharyya, M.B., National Medical Institute, Calcutta.
- (5) Dr. A. Rahaman, M.B., L.M.F., Campbell Medical School.
- (6) Dr. Chandi Ch. Chatterjee, Calcutta Medical College.

**Materia Medica—**

- (1) Dr. D. N. Basu, M.R.C.S., L.R.C.P., National Medical Institute (Convenor).
- (2) Rai Sahib Dr. S. Chatterjee, B.Sc., M.B., Calcutta Medical School.
- (3) Dr. Altafuddin Ahmed, Dacca Medical School.
- (4) Dr. Batakrishna Ray, L.M.S.
- (5) Dr. Mir Mansur Ali, M.B., School of Tropical Medicine, Calcutta.
- (6) Dr. Md. Ibrahim, Calcutta Medical College.

*Final.***Medicine—**

- (1) Dr. Sisirkumar Mukherjee, M.B., M.R.C.P., Calcutta Medical School (Convenor).
- (2) Dr. Md. Habibur Rahman, B.Sc., M.B., Jalpaiguri Medical School.
- (3) Dr. Prasantakumar Ghosh, M.B., M.R.C.P., Carmichael Medical College, Calcutta.
- (4) Dr. Amiya Bose, M.B., M.R.C.P., Medical College, Calcutta.
- (5) Dr. Ali Ahmad, Burdwan Medical School.
- (6) Dr. Arun Sen, M.B., Campbell Medical School.

**Surgery—**

- (1) Dr. Tinkari Acharyya, M.B., Campbell Medical School (Convenor).
- (2) Dr. P. Sanyal, M.B., F.R.C.S., Calcutta Medical College.
- (3) Dr. Anathbandhu Ray, M.B., Bankura Sammilani Medical School.



- (4) Dr. Md. Khabir, M.B., Lytton Medical School, Mymensingh.  
 (5) Dr. Binyakumar Dasgupta, F.R.C.S., Calcutta Medical College.  
 (6) Dr. Kanak Sarbadhikari, M.B., F.R.C.S., Carmichael Medical College, Calcutta.

#### Midwifery—

- (1) Dr. S. K. Gupta, M.B., Calcutta Medical School (Convenor).  
 (2) Dr. H. N. Ray, M.B., M.C.O.G., National Medical Institute, Calcutta.  
 (3) Dr. Ramgati Banerjee, M.B., F.S.M.F., Bankura Sammilani Medical School.  
 (4) Dr. Sudhirschandra Basu, F.R.C.S., Campbell Medical School, Calcutta.  
 (5) Dr. Habibuddin Ahmed, M.B., F.R.C.S., M.C.O.G.  
 (6) Dr. Upendranath Banerjee, M.B., Carmichael Medical College, Calcutta.

#### Medical Jurisprudence and Hygiene—

- (1) Dr. Muhammad Hossain, M.B., Campbell Medical School (Convenor—Jurisprudence).  
 (2) Dr. Sachi Chatterjee, M.B., Ph.D., Medical College, Calcutta.  
 (3) Dr. L. M. Biswas, M.B., D.P.H., National Medical Institute (Convenor—Hygiene).  
 (4) Dr. Abdul Jabbar, Assistant Director of Public Health, Bengal.

#### Statement showing the full marks and minimum pass marks in each of the subjects for the various Licentiatehip Examinations.

| Examination. | Subjects.                     | Written paper. | Oral and Practical. | Total. | Minimum pass marks in written papers. | Minimum pass marks in oral and practical. | Minimum pass marks in total. |
|--------------|-------------------------------|----------------|---------------------|--------|---------------------------------------|---|------------------------------|
| Primary      | Physics                       | 50             | 50                  | 100    | ..                                    | 20  | 40                           |
|              | Chemistry                     | 50             | 50                  | 100    | ..                                    | 20  | 40                           |
| Intermediate | Anatomy                       | 200            | 300                 | 500    | 80                                    | 120                                       | 200                          |
|              | Physiology                    | 200            | 300                 | 500    | 80                                    | 120                                       | 200                          |
|              | Material Medica and Pharmacy. | 200            | 300                 | 500    | 80                                    | 120                                       | 200                          |
| Final        | Medicine                      | 200            | 300                 | 500    | 80                                    | 120                                       | 200                          |
|              | Surgery                       | 200            | 300                 | 500    | 80                                    | 120                                       | 200                          |
|              | Midwifery                     | 200            | 300                 | 500    | 80                                    | 120                                       | 200                          |
|              | Medical Jurisprudence.        | 50             | 50                  | 100    | 20                                    | 20  | 40                           |
|              | Hygiene                       | 50             | 50                  | 100    | 20                                    | 20  | 40                           |

